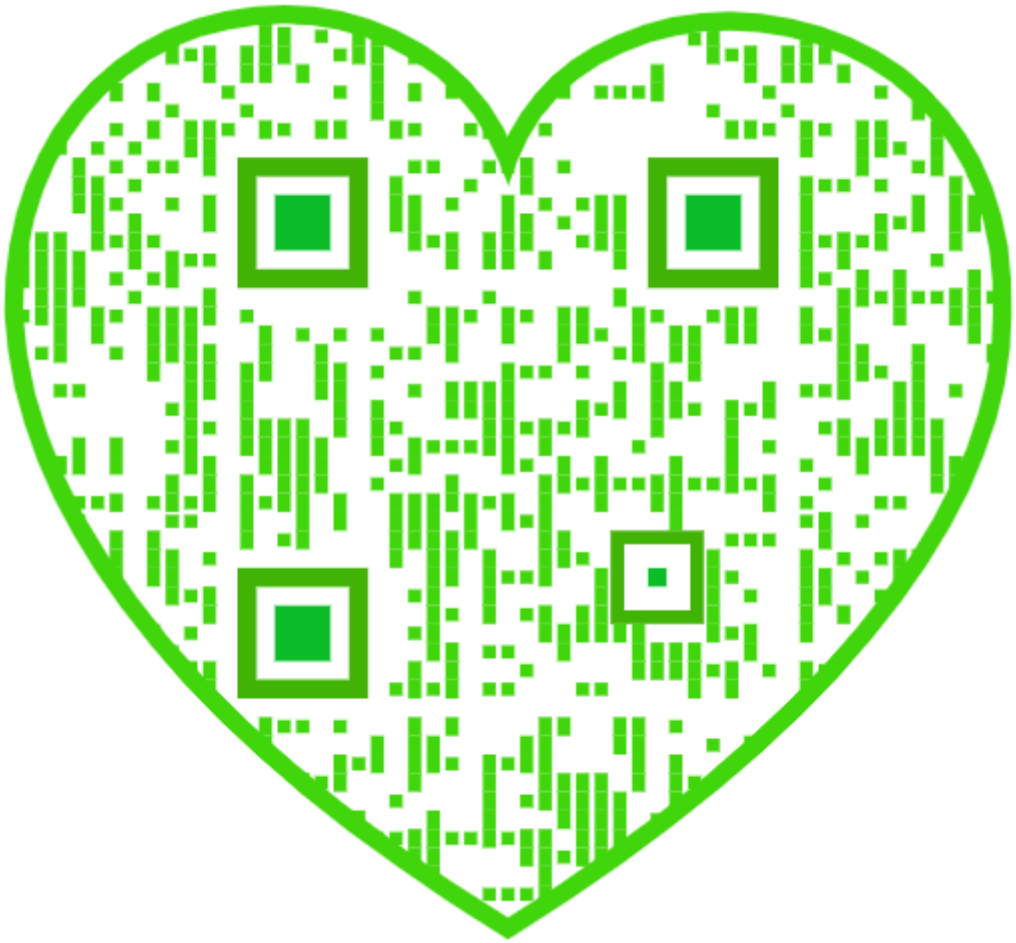
JEWEL
STOVES, RANGES AND FURNACES

DETROIT STOVE WORKS
DETROIT CHICAGO



JEWEL
STOVES
AND
RANGES

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MR. WILLIAM H. TEFFT

Founder of the Detroit Stove Works, Largest Stove Plant in the World,
and Pioneer Stove Foundryman of the Northwest.

Detroit Stove Works.

JEWEL STOVES, RANGES AND FURNACES

Catalog No. 91

1911 1912

DETROIT STOVE WORKS

Largest Stove Plant in the World

DETROIT CHICAGO

W. T. Barbour, President
W. G. Henry. Vice-President

G. B. Gunderson, Secy. & Treas.
E. G. VanWie, Superintendent

Copy 6

DETROIT STOVE WORKS

The largest stove plant in the world — where Detroit Jewel Stoves, Ranges, and Furnaces are made. It represents over forty-five years experience and growth. Our guarantee of high quality and service backed by this plant.

General Offices, Salesrooms, and Works: 1320 to 1380 Jefferson Avenue, Detroit, Michigan

INTRODUCTORY

THE following pages of this catalog illustrate and describe as completely as possible our line of Jewel Stoves, Ranges and Furnaces for 1911–12. To a large majority of merchants throughout the country we realize that no introduction to the line is necessary. To those merchants, however, who have not as yet experienced the advantages gained by selling the Jewel Line, whom we hope to call our customers in the future, we feel that a few lines of a descriptive nature will not be amiss.

It is almost 50 years since the first Jewel Stoves were made, and while the factory at the beginning was so small that only a few stoves were made daily, it has grown until today it is the largest stove plant in the world. Over four million Jewel Stoves and Ranges have been made and sold, and most of them are in use today. It is certain that no business not founded on the right principles, that does not give its customers the best service and make the right goods, can survive all these years of keen competition. That the Jewel Line has grown in public favor until today it is the most popular stove line made, shows that Jewel Stoves possess the genuine merit we claim.

We are certain that the line as shown in this catalog with the additions and improvements we have made this year will

DETROIT STOVE WORKS
JEWEL STOVES
WESTERN HEADQUARTERS
DETROIT STOVE WORKS
JEWEL STOVES & RANGES
JEWEL STOVES - RANGES - DETROIT STOVE WORKS - GAS RANGES & FURNACES

DETROIT STOVE WORKS

Western Offices, Salesrooms and Warehouse

2921 to 2933 La Salle Street

Chicago, Illinois

The largest and best equipped stove salesroom and warehouse in the world.
All our western business is transacted from this office.

make them still more popular sellers and increase stove sales for merchants handling the Jewel Line.

When it is known that every heating and every cooking appliance listed represents but one standard of quality, that the highest and best, merchants who have built up their business and reputations by selling good goods that give satisfaction will be doubly interested.

It will be time well spent for every dealer who receives a copy of this catalog to not only look through it carefully but study the various types and styles of stoves shown. If this is done, it will be found that not only is the Jewel Line up to the minute in every particular but those styles and kinds of stoves that are not in popular demand have been omitted from the catalog. You will find a larger and more varied assortment, newer and better styles and more modern improvements than any other stove manufacturer can show.

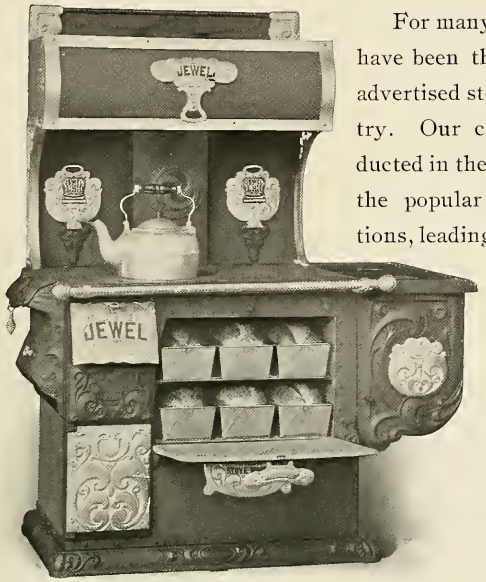
This splendid showing is possible because we have the men capable of grasping present conditions and designing and building stoves that meet the demand of the present time. Then, too, our manufacturing facilities, immense floor space, ability to make an immense quantity of stoves daily give us a big advantage over the smaller and less modern stove foundries. Couple with this the fact that the Jewel Line embraces not only a complete line of Stoves and Ranges, but Furnaces, Hotel Ranges and Appliances of all kinds, Gas Ranges and Gas Appliances, and it is easy to see the advantage this line gives the dealer selling it.

Jewel Advertising

Aside from the fact that the Jewel Line is so extensive and that it has been made for nearly 50 years, there are other reasons why securing the Jewel Agency gives the dealer an advantage over those selling other brands of stoves. One reason is because Jewel Stoves are well known and well advertised in all parts of the country.

Practically every progressive dealer realizes the tremendous importance advertising is to a line of goods or a business today. Advertising familiarizes the public with the goods advertised. It brings people into the store to ask for the goods, it means saving salesmen's time selling and more profit on the day's work of each salesman. Hence the subject of Jewel Advertising is of great importance to every dealer who sells stoves and wants to sell more.

Section of showroom showing over 280 separate styles and sizes of Jewel Stoves



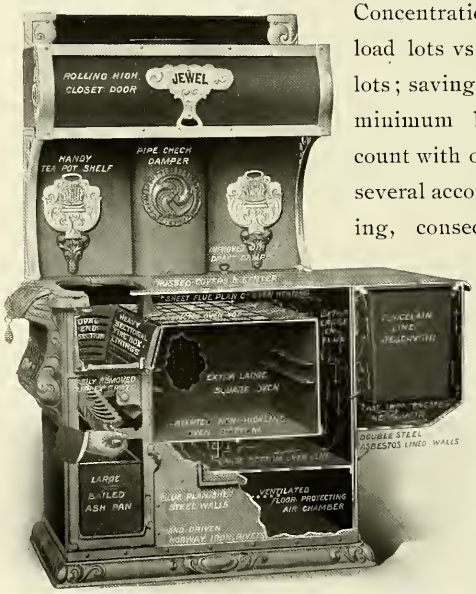
Above shows large, quick baking oven of Jewel Range

For many years Jewel Stoves have been the most extensively advertised stove line in the country. Our campaigns are conducted in the general magazines, the popular women's publications, leading weeklies and great agricultural press. Our aim has always been to impress the buying public with the high character of the product identified with our well known Trade Mark and to drive the demand to the dealer. The constant repetition of this advertising in the periodicals which reach stove buyers year after year has a cumulative effect which can be turned into cash and profit by every dealer in Jewel Stoves. Co-operating with us means better results for local advertising, contributes to creating a demand for the better grade of stoves, and assists to a great extent in building up a large stove business and winning satisfied customers.

Direct Advertising for Dealers

We also furnish handsome and attractive posters, booklets, folders, signs, circulars, novelties, electros, etc., free for our

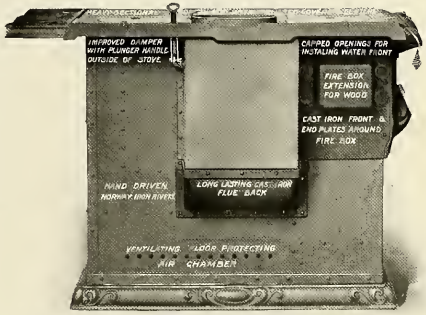
dealers' use. Our Special Dealers' Catalogue plan has been found the greatest medium for overcoming mail order competition and assisting the dealer ever devised. It is not an experiment, but an assured success, as many dealers using our plan will gladly testify. If you do not know all about this Special Dealer Catalogue, write us and we will be glad to send full details. Besides the selling advantage which our extensive advertising gives, there are other very good reasons for concentrating on the Jewel Line. Concentration on the Jewel Trade Mark line of Stoves, Ranges and Furnaces means to you: Concentration of shipments, car load lots vs. less than car load lots; saving in freight rates and minimum breakage; one account with one manufacturer vs. several accounts; less bookkeeping, consequently less bookkeeping expense. Only one salesman to interview vs. several. You can appreciate what this saving in time here means to you. It is a direct money gain.



Sectional view of a Jewel Steel Range which shows plainer than words the construction and special features

One line of advertising vs. sev-

eral lines, less advertising expense—more advertising conviction—more results from advertising. Every stove sold makes a stronger demand for every other stove you have in stock, no matter what class or price, because all sold under the same Jewel Trade Mark.


IMPROVED DAMPER WITH PLUNGER HANDLE OUTSIDE OF STOVE
CAPPED OPENINGS FOR INSTALLING WATER FRONT
FIRE BOX EXTENSION FOR WOOD
CAST IRON FRONT & END PLATES AROUND FIRE BOX
HAND DRIVEN NORWAY IRON RIVETS
LONG LASTING CAST IRON FLUE BACK
VENTILATING AIR CHAMBER
DOOR PROTECTING

Rear view of a Jewel Steel Range. Note the features which insure extra long life and convenience

Less time for the salesmen to learn the points of one line. More confidence and enthusiasm about the line because of greater knowledge. This makes more sales, quicker sales, more profits.

Concentrating on One Line

Scores of dealers who have tried handling several lines of stoves found that by concentrating their efforts on the Jewel Line they could do a larger and more profitable business. Some of them increased the volume of sales and profits, four, five, yes six times.

We realize that today one of the first points to be considered after quality of stoves, is co-operation with customers. We have spent a large amount of time in working out plans which will assist Jewel dealers in making more stove sales, and the result is that our assistance does not stop after the stoves are on the dealer's floor. That's just when it begins, and the success of the thousands of Jewel dealers proves that this is the logical method of co-operation.

Standardization or Interchangeability of Parts. Developed to a High Degree in the Jewel Line of Steel Ranges

Five Styles, Domestic, Hostess, Paragon, Leader and Princess have all these features in common.

The advantages of interchangeability accomplished through standardization of as many features as possible are enjoyed to the full by every Jewel dealer. The economic or money saving side of this great feature is apparent at once. It means that every dealer can now carry in stock a full line of repairs for five distinct lines of ranges with the same investment formerly necessary to carry repairs for only one line. This is a supreme selling advantage that will appear more potent and profitable the longer you think about it.

Body

The bodies of all five lines are made double of heavy, Blue Planished Steel which will not chip, peel, rust or turn white when heated. Rivets are cone-headed, driven cold, by hand. End interlined with asbestos, to prevent radiation of heat into the kitchen, and to economize fuel.

Oven

Each of these ranges has a large, quick baking oven, heated evenly with a minimum of fuel, and well protected by cast plates. Will bake perfectly on the rack as well as on the oven bottom. Dean patent oven bottom is made in sections, to prevent warping, and will outlast the range.

Oven Thermometer

An accurate Oven Thermometer is furnished on each Domestic, Hostess, Paragon or Princess range.

Oven Door

Spring poised oven door (see illustration, page 14) falls to horizontal position without jar; has a perfectly smooth, inner surface, and is easily kept clean. It is flush with oven bottom when opened and makes a convenient shelf for basting, etc.

Oven Racks

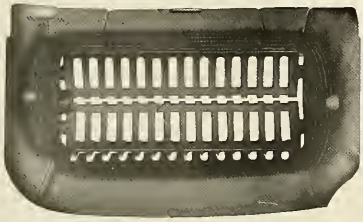
All Jewel Steel Ranges are furnished with heavy wire oven racks (easily cleaned) and double sheet steel rack slides.

Heavy Top Plate

Top plate is cast in sections, to prevent warping and is made from Jewel Kemi-Test Iron, which insures the smoothest, most durable and lasting castings found in stoves.

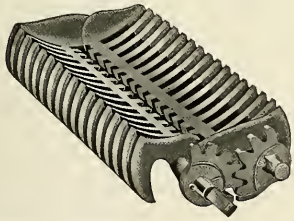
The illustration shows the plan of construction in detail, including the End Shelf and Pouch Feed. Tops are exactly the same in all five lines except that the pouch feed door and end shelf are slightly different on the Paragon and Princess to conform with the special style of finish.

No key plates to warp and necessitate expensive repairing. Any part can be replaced at a minimum expense.



Fire-Box Lining

This shows the standard type of fuel box adopted and used in Domestic, Hostess, Princess, Paragon and Leader Jewel Steel Ranges. Note that it is amply wide and of sufficient depth to permit holding fire over night. Fitted with heavy durable fire-box linings with an air space back of the linings to make them last. These standard linings fit all five styles of Jewel Steel Ranges. One set of each size carried in stock furnishes repair stock for all five lines.



Fire-Box Extension

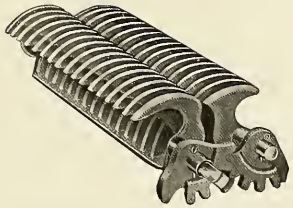
Fire-box extension at rear, for long wood, as supplied on every range, and a drop end wood door. These ranges take 24-in. wood.

Water Front

For heating water in connection with these ranges two styles of water heaters are manufactured. Straight water front, as illustrated, or Water Back, preferable when wood is used for fuel. Water Front shipped unless otherwise ordered.

Duplex Grates

For hard or soft coal; so made that one movement of the crank cuts out the dead ashes and cinders, and drops them into the ash pan. Grates are easily removed without disturbing water front or linings. No frames or tracks to warp and get out of order. These are the simplest, easiest operating grates made. These are used on all Jewel Steel Ranges.

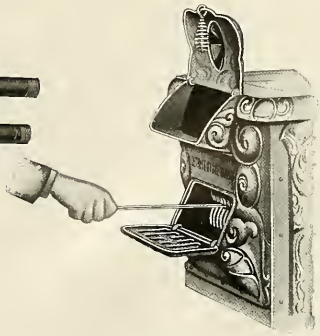


Duplex Grates for Wood

When reversed, forms a perfect wood fire bottom, and makes the fire box shallower, a desirable feature with wood, intended to bring the fire nearer the top. Removing the end linings and reversing the grate forms a perfect wood fire box, without disturbing any other linings or removing the grate.

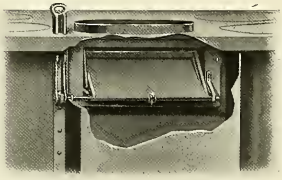
Broiler Feed and Draft Door

Combination feed and broiling opening above fire, and draft door on line of grate, when dropped, gives free access with poker to the entire grate surface.



Direct Acting Flue Construction

Our plan of flue construction circulates the heat evenly over top, back and bottom of oven. The flues are just the right size to obtain greatest value from the heat, insuring minimum fuel consumption and greatest baking efficiency. Illustration shows how evenly the heat circulates over oven top when vertical damper is closed.



Jewel Vertical Damper

Is very simple in construction and operation. It is easily operated, and as will be noted from illustration, is entirely out of reach of the flames and heat.

Flue Clean Out

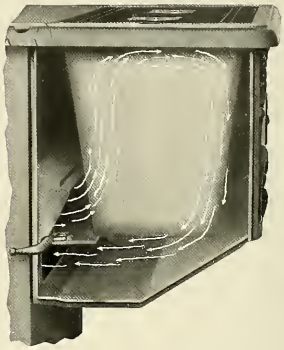
A large, hinged clean out door, with projecting lip to prevent spilling soot, is furnished on all Jewel Steel Ranges.

Covers

Heavy, solid Jewel ring covers, one made in ring sections for reducing size of hole, also heavy centers and long center cut to prevent warping.

High Closets

The high closets furnished with these ranges are identical in pattern, varying only in the amount of nickel trimmings. They are made from high grade planished steel and are unusually large, strong and rigid; the rolling door is provided with rigidly set handle and is properly balanced so that it never sticks in operation. All High Closets are equipped with two convenient drop teapot shelves.

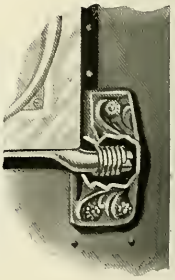


Reservoir

Extra large reservoir, enameled, with cast reservoir casing; removable for cleaning; Japanned and attractively ornamented lids flush with the top of the range, giving increased top surface for utensils. Flue shifting reservoir damper provides a means of quickly heating water in the reservoir, and for quickly heating the oven when baking.

Oven Door Spring Hinge

The Jewel standard type of oven door hinge illustrated is furnished on all Jewel Steel Range oven doors. The spring is strongly made from a special grade of spring wire. This spring prevents door slamming, banging or jarring when dropped.



Joint of Pipe

With check damper is furnished with each high closet or shelf.

The Domestic Jewel Steel Range

The Acme of Perfection in Steel Range Making
Unsurpassed in Quality or Style

THIS beautiful specimen of the stove making art represents in design, material and construction the very best Steel Range that can be manufactured. Its large size, improved features, proven efficiency and fuel economy recommend it to those who are willing to pay the first cost of a superior stove which will eventually prove cheaper than the lowest priced range because of its long life, lower cost of maintenance and unequaled service. Has a wealth of nickel parts, making it an exceptionally handsome stove.

Full description given on pages 12, 13 and 14.

Body

Is made double, of heavy blue planished steel. Rivets cone headed, driven cold, by hand; the ends interlined with asbestos to prevent radiation of heat into the kitchen, and to economize fuel.

Oven

Large, quick baking oven, heated evenly with the smallest amount of fuel; well protected by cast plates. Bakes perfectly on the rack as well as on the oven bottom.
Dean patent oven bottom is made in sections to prevent warping.

Oven Door

Spring poised. See illustration, page 14.

Oven Racks

Made of steel wire, with double sheet steel rack slides.

Fire Box Linings

Heavy and durable, with an air space back of them to make them last. A large, powerful water front for coal, or water back for wood, is supplied when specially ordered.

Duplex Grate

For hard or soft coal. Reversible for wood. Fully described on page 13.

Fire Box

Extension at rear, for wood, on every range; drop end feed door for wood; draft slide full length of fire box, on end of range.

Combination Feed

And broiler opening above fire, and draft door on line of grate, which, when dropped, gives free access with poker to the entire grate surface.

Top Plate

Is cast in sections, to prevent cracking.

Covers

Heavy solid ring covers. See illustration and description, page 14.

Vertical Damper

Easy to operate; handle removed from reach of flames.

Reservoir

Extra large cast reservoir, enameled; cast reservoir casing; Japanned lids, ornamented; top flush with top of range; flue shifting reservoir damper.

Flue Clean-Out

Large, hinged clean-out or flue door, with projecting lip, to prevent spilling soot.

Ash Pit

Deep ash pit with full size bailed ash pan. One joint of planished pipe, with check damper, is furnished with each high shelf or high closet.

High Closet

Roomy high closet, with rolling front; provided with two convenient drop teapot shelves.

Nickeled Parts

Entire oven door and handle; flue clean-out; feed door; ash pit door; burnished band on edges of high closet, end castings on high closet; brackets; handle and teapot shelves; nickel towel rod or guard rail; nickel ornament on reservoir.

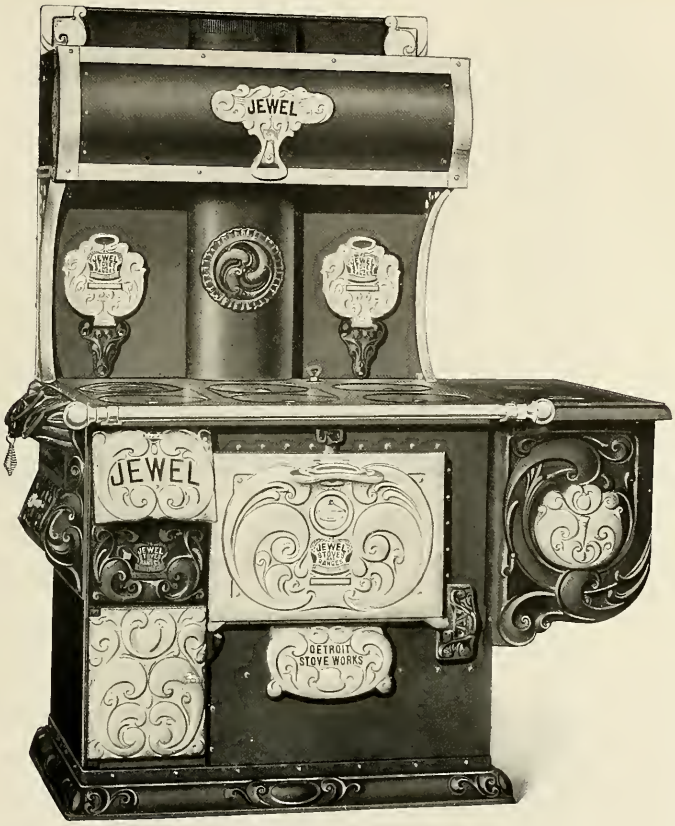
Style E

Domestic Jewel Steel Range

Square, with End Shelf and Elevated Warming Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
83—14	Four 8-in.	14 x 20 x 12½	28 x 36	380	**$71.75**	Abode
83—16	Six 8 "	16 x 20 x 12½	28 x 38½	395	**74.75**	Abide
83—18	" 8 "	18 x 20 x 12½	28 x 42	405	**78.75**	Abiding
93—18	" 9 "	18 x 20 x 12½	28 x 42	410	**80.00**	Abidance
83—20	" 8 "	20 x 20 x 13½	28 x 42½	420	**83.75**	Abidal
93—20	" 9 "	20 x 20 x 13½	28 x 42½	425	**85.00**	Abidden
Water Front, extra, all sizes				30	**7.50**	Falcon

Height from Floor to Top Plate, 31 in. Height from Floor to top of High Closet, 62 in.
Ranges take 24-in. wood.



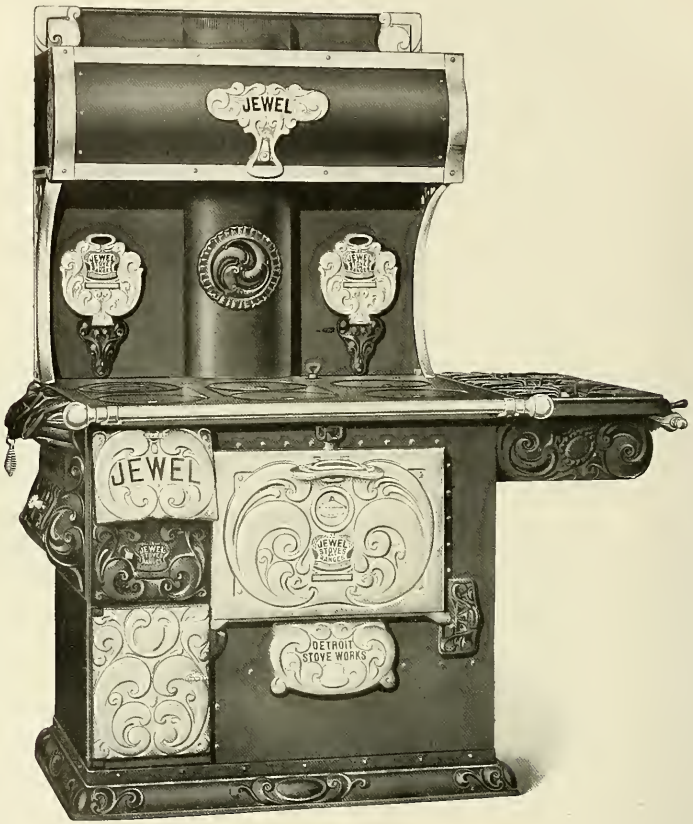
Style F

Domestic Jewel Steel Range

With Reservoir and Elevated Warming Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
83—14	Four 8-in.	14 x 20 x 12½	28 x 39½	475	$88.00	Abolish
83—16	Six 8 "	16 x 20 x 12½	28 x 43½	495	**91.00**	Abolished
83—18	" 8 "	18 x 20 x 12½	28 x 47½	505	**95.00**	Abolishing
93—18	" 9 "	18 x 20 x 12½	28 x 47½	510	**96.25**	Abolishment
83—20	" 8 "	20 x 20 x 13½	28 x 47½	515	**100.00**	Abolition
93—20	" 9 "	20 x 20 x 13½	28 x 47½	520	**101.25**	Abolitionist

Height from Floor to Top Plate, 31 in. Height from Floor to top of High Closet, 62 in.
Ranges take 24-in. wood.



Gas Extension for Coal Ranges

Adapted to any Steel Coal Range without Reservoir.

Number		Top Surface	Weight	List	Code
2	Steel Range Gas Extension, 2 Burner	11½ x 23¼	35	**$8.50**	Reaction
3	Steel Range Gas Extension, 3 Burner	12 x 27	40	**10.50**	Collectible
1	Blue Steel Oven for one burner		15	**3.75**	Midday
2	Blue Steel Oven for two burners		19	**4.50**	Miasma
Gas Tubing, per foot				**.10**	Noon

No. 2 has two burners and levers in front. Can be attached to almost any range of our make.
No. 3 has three powerful Gas Burners, with levers at side. Fits our largest ranges.
Can be connected to gas supply with rubber tubing or iron pipe. For baking, the Portable Ovens listed will give perfect satisfaction.

The Leader Jewel Steel Range

A Range of the Highest Grade Construction at a Popular Price

For Hard Coal, Soft Coal, Coke or Wood

THIS is a range of remarkable durability and high efficiency. The big demand for it is based on the satisfaction it gives every purchaser. It satisfies because it is built right. In general details of construction it is exactly the same as the "Domestic Jewel." It has the same top, fire box, linings, oven construction and body, but is less elaborately trimmed and is sold without a base. (Base furnished at extra cost if ordered.) In every way superior to the majority of ranges offered at higher prices.

Full description given on pages 12, 13 and 14.

Body
Is made double, of heavy Blue Planished Steel. Rivets cone headed, driven cold, by hand; the ends interlined with asbestos to prevent radiation of heat into the kitchen, and to economize fuel.

Oven
Large quick baking oven, heated evenly with the smallest amount of fuel; well protected by cast plates. Bakes perfectly on the rack as well as on the oven bottom.
Dean patent oven bottom is made in sections to prevent warping.

Oven Door
Spring poised. See illustration, page 14.

Oven Racks
Made of Steel Wire, with double sheet steel rack slides.

Fire Box Linings
Heavy and durable, with an air space back of them to make them last. A large, powerful water front for coal, or water back for wood, is supplied when specially ordered.

Duplex Grate
For hard or soft coal. Reversible for wood. Fully described on page 13.

Fire Box
Extension at rear, for wood, on every range; drop end feed door for wood; draft slide full length of fire box, on end of range.

Combination Feed
And broiler opening above fire, and draft door on line of grate, which, when dropped, gives free access with poker to the entire grate surface.

Top Plate
Is cast in sections, to prevent cracking.

Covers
Heavy solid ring covers. See illustration and description, page 12.

Vertical Damper
Easy to operate; handle removed from reach of flames.

Reservoir
Extra large cast reservoir, enameled; cast reservoir casing; Japanned lids, ornamented; top flush with top of range; flue shifting reservoir damper.

Flue Clean-Out
Large, hinged clean-out or flue door, with projecting lip, to prevent spilling soot.

Ash Pit
Deep ash pit with full size bailed ash pan. One joint of planished pipe, with check damper, is furnished with each high shelf or high closet.

High Closet
Roomy high closet, with rolling front; provided with two convenient drop teapot shelves.

Nickeled Parts

Entire oven door and handle; feed door; burnished band on edges of high closet; end castings on high closet; brackets; handle and teapot shelves; heavy nickel towel rod or guard rail.

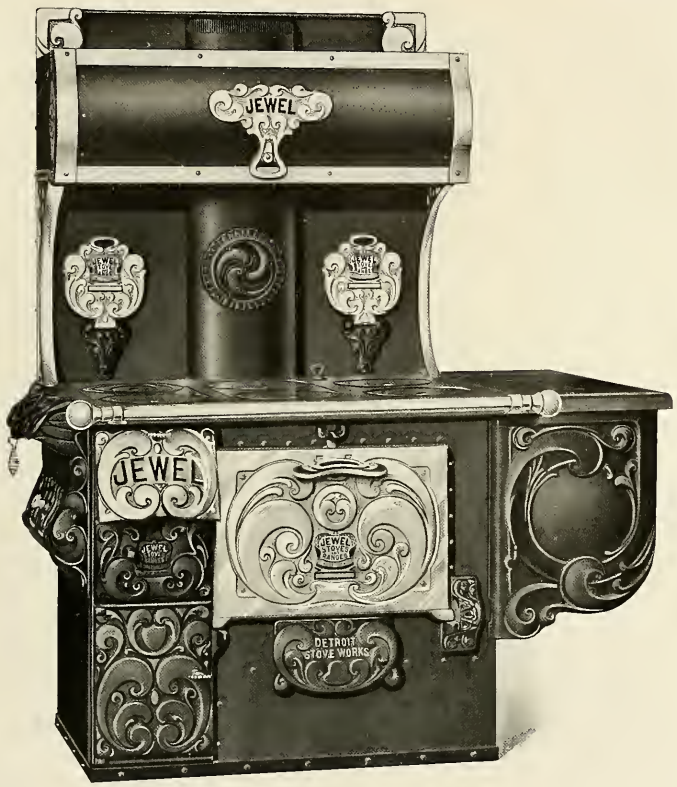
Style E

Leader Jewel Steel Range

Square, with End Shelf and Elevated Warming Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
83—14	Four 8-in.	14 x 20 x 12½	28 x 36	350	**$65.00**	Abstain
83—16	Six 8 "	16 x 20 x 12½	28 x 38½	375	**68.00**	Abstained
83—18	" 8 "	18 x 20 x 12½	28 x 42	380	**72.00**	Abstaining
93—18	" 9 "	18 x 20 x 12½	28 x 42	385	**73.25**	Abstainer
83—20	" 8 "	20 x 20 x 13½	28 x 42½	390	**77.00**	Abstainment
93—20	" 9 "	20 x 20 x 13½	28 x 42½	395	**78.25**	Abstemious
Cast Base, extra				20	**3.50**	Avouch
Water Front, extra, all sizes				30	**7.50**	Falcon

Height from Floor to Top Plate, 28¼ in. Height from Floor to top of High Closet, 59¼ in.
Ranges take 24-in. wood.



Style F

Leader Jewel Steel Range

With Reservoir and Elevated Warming Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
83—14	Four 8-in.	14 x 20 x 12½	28 x 39½	450	**$80.50**	Accuse
83—16	Six 8 "	16 x 20 x 12½	28 x 43	475	**83.50**	Accused
83—18	" 8 "	18 x 20 x 12½	28 x 46½	480	**87.50**	Accusing
93—18	" 9 "	18 x 20 x 12½	28 x 46½	485	**88.75**	Accusor
83—20	" 8 "	20 x 20 x 13½	28 x 47½	490	**92.50**	Accusation
93—20	" 9 "	20 x 20 x 13½	28 x 47½	495	**93.75**	Accusatory
Cast Base, extra				20	**3.50**	Avouch

Height from Floor to Top Plate, 28¼ in. Height from Floor to top of High Closet, 59¼ in.
Ranges take 24-in. wood.

Paragon Jewel Steel Range

DISTINCTIVELY A JEWEL SPECIALTY

Plain Finish, Easy Cleaned Range of Exceedingly Attractive Design, Highest Quality Construction

For Hard Coal, Soft Coal, Coke or Wood

THE popularity of the "Paragon Jewel" grows by leaps and bounds. The Detroit Stove Works was the first manufacturer in the West to produce a plain finish range. Perhaps that is one reason why the Jewel lines of plain finish ranges hold the record for quick sales.

The "Paragon Jewel" is a novelty in the sense that it is unique among steel ranges—a well-built, genuine, plain finish steel range.

It satisfies the desire for something away from the ordinary. It meets the demand for a plain, sanitary, substantial construction that lessens labor in the kitchen. No deep fancy carvings to catch dirt and grease and no nickel to keep polished. In addition to these distinctive advantages it has the famous Jewel standardized construction—same as the Domestic, Leader and others described on page 12.

Dealers can carry a full line of Jewels in stock with a minimum investment in repairs because of the standardization and interchangeability of Jewel castings.

Body

Planished Steel. Double walls interlined with asbestos. Hand riveted with cone-head rivets. Full description, see page 12.

Castings

Made from Kemi-Test iron. Smooth, heavy and durable. No deep carvings to collect dirt, grease, etc.

Fire Box and Linings

Correctly proportioned to hold fire over night. No "dead" corners. Heavy linings ventilated to insure maximum durability, and made in sections, affording easy replacement. See illustration and detail description, page 13. Water front furnished if desired—illustrated page 13.

Duplex Grate

Consists of two duplex bars held in place by cast bearings away from action of fire. No frames or tracks to wear, warp or crack. Reversible for wood. See illustration and description, page 13.

Deep Ash Pit

Furnished with extra heavy, large, steel bailed ash pan with wire handle. Ash pit door is full size of ash pit and swings on hinges.

Pouch Feed and Grate Door

Plain, heavy pouch feed door and drop grate door. Drop grate door gives access to full length of fire box.

Large Baking Oven

Made square to give every inch possible for baking. Dean Patented Oven Bottom is used—this is made in two pieces to prevent buckling or warping. Oven top is protected by heavy cast plate at point where it comes in direct contact with the fire.

Oven Racks

Made of steel wire, easily replaced, clean. Perfect baking can be done on oven rack or bottom.

Oven Door

Spring balanced oven door. Falls flush with oven bottom without jar or noise. Lined with steel. All edges smooth. Reliable thermometer in center.

Flue Construction

Direct acting flue construction same as described page 14. Gives even circulation of heat around oven and insures perfect baking with least fuel.

Cooking Top

Cast in sections. See illustration, page 12.

Draft Regulation

Vertical damper out of reach of flames and heat controls oven. End draft door gives even draft full length of fire box. Check damper in pouch feed door can be used in checking fire.

Broiler Feed Door

Is large enough for actual use in feeding fire or when broiling. Left open acts as an efficient check to fire.

Reservoir

Extra large size enameled with cast casing. Quickly heated by opening flue shifting reservoir damper described and illustrated page 14. Japanned lids.

Base

Strong, plain cast base, not shown in cut; removable for shipping or when carrying range through doors.

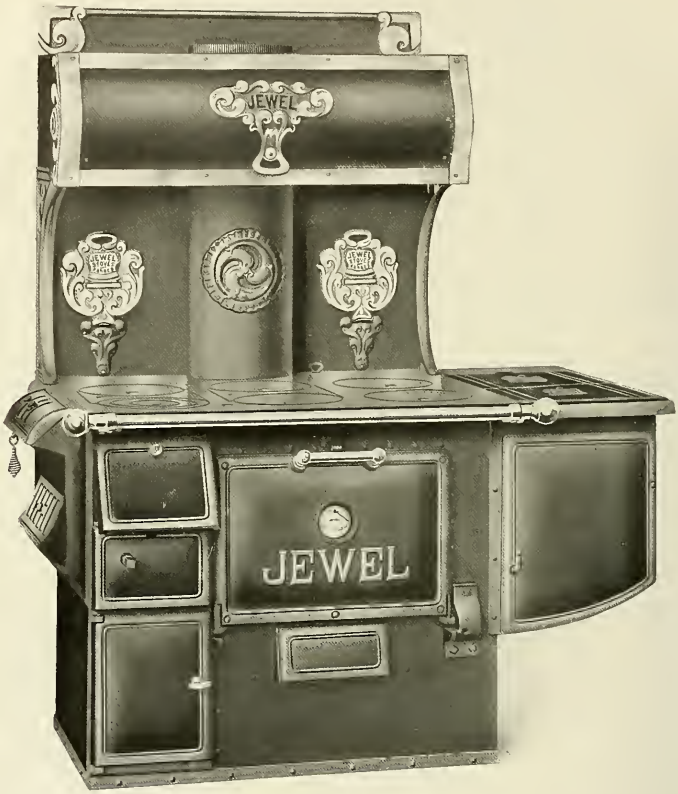
Style E

Paragon Jewel Steel Range

Square, with End Shelf and Elevated Warming Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
83—16	Six 8-in.	16 x 20 x 12½	28 x 38½	380	**$65.50**	Astride
83—18	" 8 "	18 x 20 x 12½	28 x 42	385	**69.50**	Astringe
93—18	" 9 "	18 x 20 x 12½	28 x 42	390	**70.75**	Astringent
83—20	" 8 "	20 x 20 x 13½	28 x 42½	395	**74.50**	Astrologer
93—20	" 9 "	20 x 20 x 13½	28 x 42½	400	**75.75**	Astrology
Cast Base, extra				20	**3.50**	Avouch
Water Front, all sizes				30	**7.50**	Falcon

Height from Floor to Top Plate, 28¼ in. Height from Floor to top of High Closet, 59¼ in.
Ranges take 24-in. wood.



Style F

Paragon Jewel Steel Range

With Reservoir and Elevated Warming Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
83—16	Six 8-in.	16 x 20 x 12½	28 x 43½	475	**$81.00**	Astronomer
83—18	" 8 "	18 x 20 x 12½	28 x 47½	485	**85.00**	Astronomy
93—18	" 9 "	18 x 20 x 12½	28 x 47½	490	**86.25**	Astute
83—20	" 8 "	20 x 20 x 13½	28 x 47½	495	**90.00**	Astuteness
93—20	" 9 "	20 x 20 x 13½	28 x 47½	500	**91.25**	Asunder
Cast Base, extra				20	**3.50**	Avouch

Height from Floor to Top Plate, 28¼ in. From Floor to top of High Closet, 59¼ in.
Ranges take 24-in. wood.

Hostess Jewel Steel Range

The Highest Grade Steel Range Ever Mounted on Leg Base. Looks Fine; Does Fine Work, Because Finely Built

For Hard Coal, Soft Coal, Coke or Wood

A BETTER steel range than the "Hostess Jewel" is not built. Most steel ranges mounted on leg base are very ordinary stoves. Here is a steel range on legs that cannot be beaten. We would not say this if we were not absolutely sure. Judge the "Hostess Jewel" from any standpoint you please, you will find it embodies greatest durability, highest grade construction, workmanship and finish; in a word, it is a Jewel Quality steel range throughout. Very low priced, quality and efficiency considered. Please note that in general construction it is the same as the Domestic Jewel, and embodies the interchangeable standard Jewel features described on pages 12, 13 and 14.

Body
Walls made from blue planished steel—the highest grade obtainable. Riveted with cone-headed rivets driven cold by hand. See illustration, page 12. Body is double at vulnerable points and interlined with heavy asbestos millboard.

Castings
Strictly heavy and durable. Made from Kemi-Test Iron—the strongest, toughest and greatest fire-resisting iron known.

Fire Box
One of the great advantages of the Jewel line of steel ranges is the fire box—so perfectly proportioned it holds fire over night. Linings are extra heavy and made in sections. Equally well adapted for coal or wood. See illustration, page 13.

Duplex Grates
Consist of two bars—easily removable. No tracks, grate frames or any parts to burn out, warp or crack. Reversible for wood. See illustration and detail description, page 13.

Oven
The square, full-size oven provides the largest possible baking capacity. Bakes with least fuel. Has two-piece non-warping oven bottom and is equipped with standard Jewel Steel Wire Oven racks—light, strong and clean.

Oven Door
Properly lined with all edges smooth Opens flush with oven bottom. Spring hinge. Full nickel panel. Strong rigid handle. Ventilating door catch. Accurate Oven Thermometer.

Flue Construction
Direct flues of correct size to secure quickest results and greatest economy of fuel. Distribute heat evenly around entire oven. Easily cleaned.

Top
Interchangeable, standardized Jewel type. Trussed covers. See illustration and detailed description, page 14.

Ash Pit
Extra large and fitted with extra heavy steel bailed ash pan. Door swings on hinges.

Flue Back
Cast iron, bottom not affected by rust or creosote.

Draft Regulation
Plunger damper of most improved type. Draft slide in end draft door and pouch feed doors. Also damper in first joint of pipe with high closet. Perfect control of fire is assured.

For Heating Water
The fire box is designed to accommodate a water front or back for heating water, in cities and towns with water system, or reservoir style such as illustrated can be furnished. Heavily porcelained tank is incased with cast iron casing. With the reservoir damper the heat may be thrown around the reservoir or cut off as desired.

Pouch Feed and Grate Door
The pouch feed admits replenishing fire without lifting utensils—and can also be used as a broiler door. End grate door gives draft full length of fire box. Convenient for raking fire.

High Closet
Jewel standard warming closet—extra large in size, rolling door mounted on unbreakable cast iron hinges. Nickel Teapot Shelves.

Steel Base Cannot Break
Is made in sections for easy shipment. Cast Iron Legs are strong, heavy and made from Kemi-Test Iron.

Nickel
Oven door, feed door, ashpit door, clean out door, guard rail, teapot shelves and high closet trimmings. Finish exceptionally brilliant.

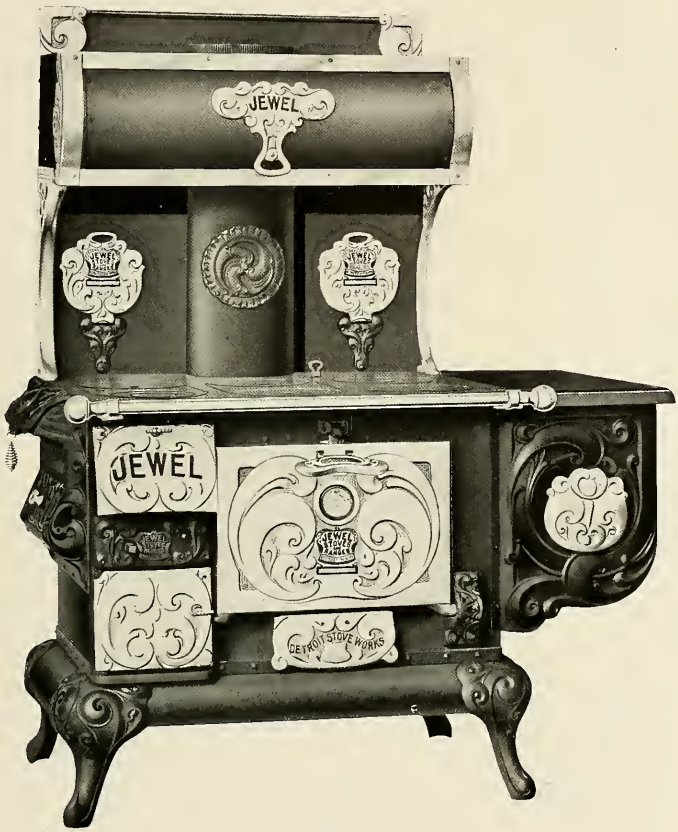
Style E

Hostess Jewel Steel Range

Square, with End Shelf and Elevated Warming Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—18	Six 8-in.	18 x 20 x 12½	28 x 42	405	**$76.25**	Asylum
9—18	" 9 "	18 x 20 x 12½	28 x 42	410	**77.50**	Ate
8—20	" 8 "	20 x 20 x 13½	28 x 42½	415	**81.25**	Atheism
9—20	" 9 "	20 x 20 x 13½	28 x 42½	420	**82.50**	Atheist
Water Front, all sizes,				30	**7.50**	Falcon

Height from Floor to Top Plate, 31½ in. Height from Floor to top of High Closet, 62½ in.
Ranges will take 24-in. wood.



Style F

Hostess Jewel Steel Range

With Reservoir and Elevated Warming Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 20 x 12½	28 x 47½	505	**$92.50**	Athirst
9—18	" 9 "	18 x 20 x 12½	28 x 47½	510	**93.75**	Athlete
8—20	" 8 "	20 x 20 x 13½	28 x 47½	515	**97.50**	Athletic
9—20	" 9 "	20 x 20 x 13½	28 x 47½	520	**98.75**	Athwart

Height from Floor to Top Plate, 31½ in. Height from Floor to top of High Closet, 62½ in.
Ranges take 24-in. wood.

Princess Jewel Steel Range

The Latest Idea in Steel Ranges. Simple, Sanitary and Massive. Mounted on Leg Base

For Hard Coal, Soft Coal, Coke or Wood

MOST women fall in love with the "Princess Jewel" on sight. It is so massive in appearance—so daintily simple in design—so easily kept clean and neat—and so easy to sweep under. So compact, and operated entirely from the front. Here's your opportunity to invite in people to whom you sold ranges years ago and sell them something new.

In every essential feature the Princess is the same as the "Paragon Jewel"—a sturdy, strong, durable construction, unsurpassed as a quick baker and fuel saver. Note the description of Jewel Standardized features on pages 12, 13 and 14. This applies to the Princess.

Body

Planished steel. Double walls interlined with asbestos. Hand riveted with cone-head rivets. Full description, see page 12

Castings

Made from Kemi-Test iron. Smooth, heavy and durable. No deep carvings to collect dirt, grease, etc. Note neat, simple, artistic moulding.

Fire Box

Correctly proportioned to hold fire over night. No "dead" corners. Heavy linings ventilated to insure maximum durability, and made in sections, affording easy replacement. See illustration and detail description, page 13. Water front furnished if desired—illustrated page 13.

Duplex Grates

Consist of two duplex bars held in place by cast bearings away from action of fire. No frames or tracks to wear, warp or crack. Reversible for wood. Illustration and description, page 13.

Deep Ash Pit

Furnished with extra heavy, large, steel bailed ash pan with wire handle. Ash pit door is full size of ash pit and swings on hinges.

Pouch Feed and Grate Door

Plain, heavy pouch feed door and drop grate door. Drop grate door gives access to full length of fire box.

Large Baking Oven

Made square to give every inch possible for baking. Dean Patented Oven Bottom is used—this is made in two pieces to prevent buckling or warping. Oven top is protected by heavy cast plate at point where it comes in direct contact with the fire.

Oven Racks

Made of steel wire, easily replaced, clean. Perfect baking can be done on oven rack or bottom.

Oven Thermometer

Strictly reliable and accurate

Oven Door

Spring balanced oven door. Falls flush with oven bottom without jar or noise. Lined with steel. All edges smooth. Easily kept clean—inside and out.

Flue Construction

Direct acting flue construction same as described page 14. Gives even circulation of heat around oven and insures perfect baking with least fuel.

Cooking Top

Cast in sections. Any part can be easily and inexpensively replaced. Covers and centers are trussed to prevent warping. See illustration, page 14.

Draft Regulation

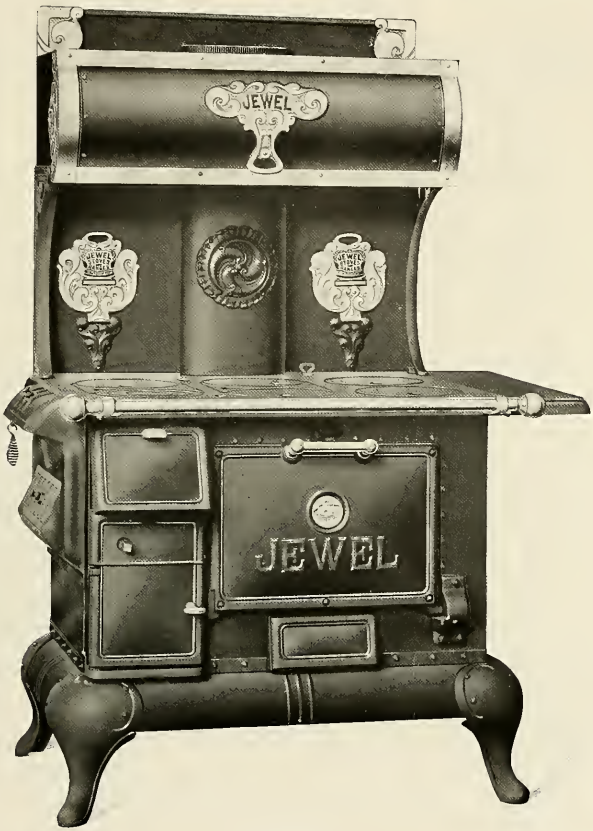
Vertical damper, out of reach of flames and heat, controls oven. End draft door gives even draft full length of fire box. Check damper in pouch feed door can be used in checking fire.

Broiler Feed Door

Is large enough for actual use in feeding fire or when broiling. Left open acts as an efficient check to fire.

Reservoir

Extra large size enameled with cast casing. Quickly heated by opening flue shifting reservoir damper, described and illustrated page 14. Japanned lids.



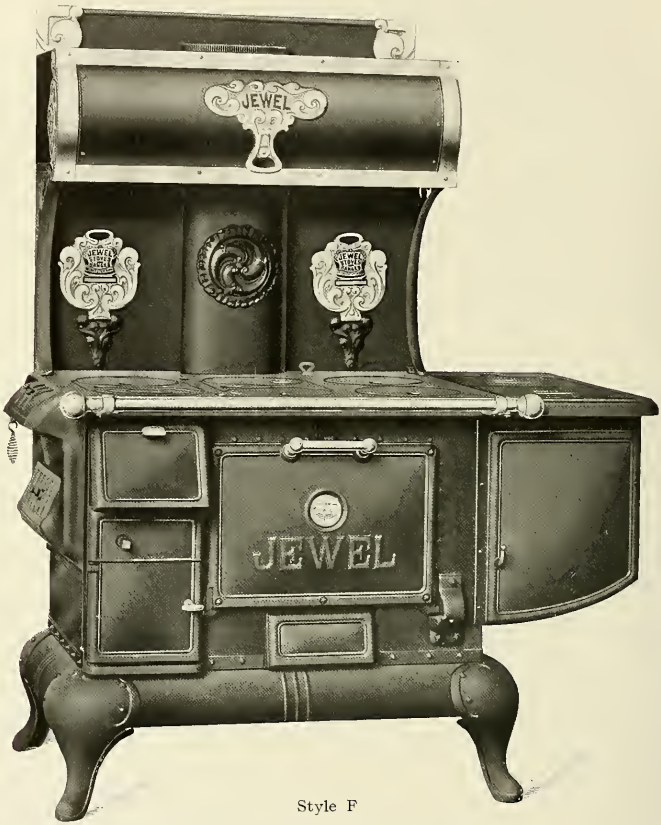
Style E

Princess Jewel Steel Range

Square with High Closet, End Shelf, Towel Bar and Oven Thermometer.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—18	Six 8-in.	18 x 20 x 12½	28 x 42	385	**$69.50**	Atlantic
9—18	" 9 "	18 x 20 x 12½	28 x 42	390	**70.75**	Atlas
8—20	" 8 "	20 x 20 x 13½	28 x 42½	395	**74.50**	Atmosphere
9—20	" 9 "	20 x 20 x 13½	28 x 42½	400	**75.75**	Atmospheric
Water Front, all sizes, extra				30	**7.50**	Atom

Height from Floor to Top Plate, 33 in. Height from Floor to top of High Closet, 64 in.
Ranges take 24-in. wood.



Style F

Princess Jewel Steel Range

With Reservoir, Steel High Closet, Towel Bar and Oven Thermometer.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 20 x 12½	28 x 47½	485	**$85.00**	Atomic
9—18	" 9 "	18 x 20 x 12½	28 x 47½	490	**86.25**	Atone
8—20	" 8 "	20 x 20 x 13½	28 x 47½	495	**90.00**	Atonement
9—20	" 9 "	20 x 20 x 13½	28 x 47½	500	**91.25**	Atop

Height from Floor to Top Plate, 33 in. Height from Floor to top of High Closet, 64 in.
Ranges take 24-in. wood.

Three Exceptionally Popular Steel Ranges

DESCRIPTION OF

SERVICE JEWEL—Highly Trimmed Range
COMFORT JEWEL—Highly Trimmed Range on Leg Base
HERO JEWEL—Plain Range on Leg Base

ALL PRICED VERY LOW.

INTERCHANGEABLE PARTS. STANDARDIZED PATTERNS.
FOR HARD COAL, SOFT COAL, COKE OR WOOD.

THE same grade of workmanship goes into these ranges as into our better grades. The same quality iron is used in making the castings, the same general plan of construction is followed throughout. The result is that Service, Comfort, and Hero Jewels have been a distinct success from the start. There is nothing experimental about them. They are simply the working out of the celebrated Jewel Steel Range construction in lighter and smaller form, and are therefore sold at lower prices.

Every dealer can sell and push these goods with confidence. They are built to win trade and hold it.

Quality of workmanship and finish, baking efficiency, durability, and fuel economy considered, these Service, Comfort, and Hero Jewels are marvels of value. They could not be profitably made and sold at the prices unless a large volume of sales was assured.

Please note the descriptions carefully, bearing in mind that behind these ranges stands the reputation of the Detroit Stove Works and that each bears the Jewel Trade-Mark,—for over forty-five years the guarantee of quality.

Detailed description follows.

For Over Forty-five Years

the Symbol of Stove Quality

Detailed Description of Service, Comfort and Hero Jewel Steel Ranges

Bodies

Made of heavy blue Planished Steel, with no Japan to burn off. Riveted with Norway iron, cone-head rivets, driven cold by hand, insuring maximum strength and durability.

Castings

All of sufficient weight and strength to insure durability. Made from Kemi-Test Iron, the toughest, smoothest, longest lasting iron known. Tested and analyzed by expert chemists to insure absolutely uniform quality and strength.

Ovens

Made same width top and bottom. Unusually large, high and deep for ranges at the prices named. Every bit of space can be utilized for baking. Bake quickly with smallest possible amount of fuel. Top of ovens protected by cast plate where they come into direct contact with the flames. No danger of burning out.

Dean patent double oven bottoms.

Oven Racks

The standard Jewel Steel Wire Oven Racks, which are light, unbreakable, clean and sanitary, furnished with these ranges. You can bake on oven racks and oven bottoms at the same time without the use of extra fuel.

Oven Doors

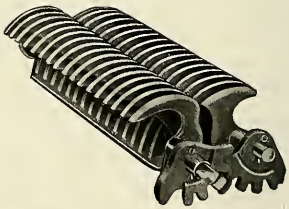
Spring balanced so that they fall to a horizontal position—gently without noise or jar. Full nickeled and fitted with Oven Thermometer on Service and Comfort Jewels. Nickeled Oven Door and no thermometer on Hero Jewel.

Oven Thermometer for telling temperature of oven furnished on each Service and Comfort Jewel Range.

Duplex Grates

Of the regular Jewel type—the grates that always operate perfectly, that have no frames or tracks to warp or burn out—can be removed instantly through grate door. One movement of the crank cuts out all clinkers and dead ashes, dropping them into the ash pan below.

For burning wood you simply reverse the grate; this makes fire box shallower and brings the fire nearer the top. It is not necessary to remove the linings.



Fire Boxes

The fire boxes are scientifically proportioned to secure best results from the fuel. Of sufficient depth, width and length to hold fire over night. Oval in shape so there are no "dead" square corners. The linings are made in sections, thus any part or section can be replaced if necessary at minimum cost. Water front furnished if desired. Ranges take 19-inch wood.

Ash Pits

Sufficiently deep to permit plenty of free air space between top of ash pan and grates. This insures a good fire and also permits accumulation of ashes without exposing grates to danger of burning out.

Tops

The tops are cast from Kemi-Test metal, both smooth and durable. Made in sections to avoid fire cracks; if ever necessary on account of accidents to replace any part it can be done at minimum expense. The centers are reinforced, as are the covers, the whole being perfectly adapted to the steady hard service sure to be given to ranges of this character. There are no key plates to warp and necessitate expensive repairs.

Dampers

The vertical damper is not only easily and quickly operated, but is placed out of reach of the flames. The end draft door is provided with sliding damper and when dropped gives full access to full length of fire box. Other dampers are the revolving damper in the pouch feed door and in the first joint of pipe supplied with High Warming Closet.

Hot Water

Can be furnished by use of water front or interchangeable contact reservoir. This reservoir, which is made of copperized yellow metal, holds 6¾ gallons and can be attached to range in place of end shelf. Thus buyers may get a stove with reservoir and if they find reservoir unnecessary can substitute end shelf, and vice versa. Dealers can carry a varied stock of these ranges with minimum investment. The fact that the reservoir is detachable also makes ranges extremely easy to handle for delivery. Reservoir fitted with cast lids properly Japanned in black, giving additional top surface. Reservoir can be used without interfering with baking.

Flue Clean Out

Cast door easily removable just below oven doors. Lip makes perfect fitting air-tight joint.

High Closets

Of very roomy pattern. Have rolling front doors which operate smoothly. Rigid handle on door. One joint of pipe fitted with check damper furnished with high closet.

Nickel on Service and Comfort Jewel

Full nickel Oven Doors. Nickel Hopper Feed Cover, Towel Bar, Tea Shelves, High Closet Band, High Closet Corners.

Nickel on Hero Jewel

Oven Door Handle, Panel and Door Frame. Upper and Lower Nickel Bands on High Closet. Nickel High Closet Handle.

Skilled Workmen Make These Ranges

Exacting tests prove that the Service, Comfort and Hero will give the quality of service the American housewife is looking for. They are sturdy, strong, dependable ranges, built to add lustre to the Jewel reputation for giving the greatest value in the world for the money. They embody the same quality of workmanship as our higher priced ranges. The same careful, scrutinizing inspection system follows them step by step through every department. The same guarantee backs up our faith in them. You can sell them confident that they represent the highest steel range value ever offered for the money—distinctive in style, quality and workmanship, yet low in price.

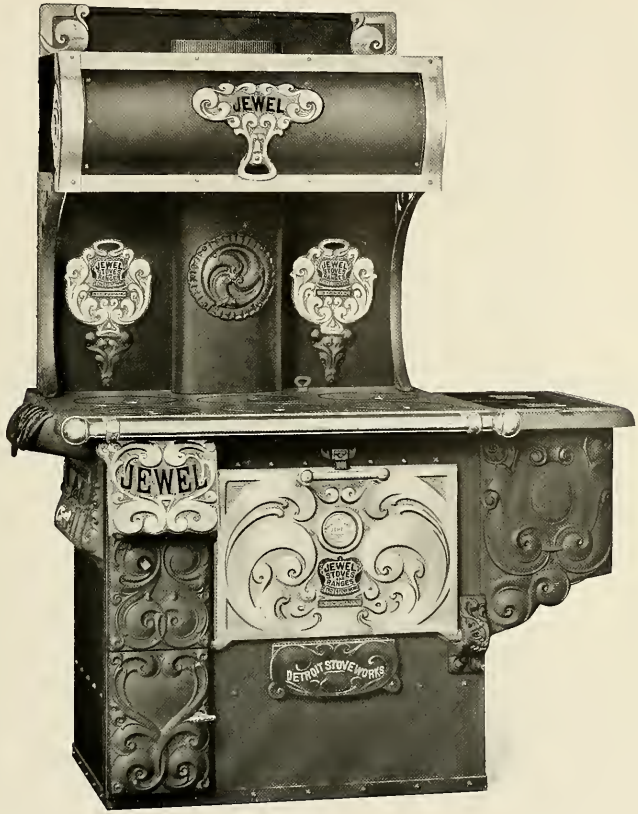
Style E

Service Jewel Steel Range

Square with End Shelf, High Closet, Towel Bar and Oven Thermometer.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—16	Six 8-in.	16 x 18 x 12	26 x 36½	300	**$56.00**	Atrocious
81—18	" 8 "	18 x 18 x 12	26 x 37½	315	**60.00**	Atrocity
91—18	" 9 "	18 x 18 x 12	26 x 37½	320	**61.25**	Atrophy
Water Front, extra, all sizes				22	**6.25**	Attest

Height from Floor to Top Plate, 28½ in. Height from Floor to top of High Closet, 59 in.
Ranges take 19-in. wood.
See full description, pages 31, 32 and 33.



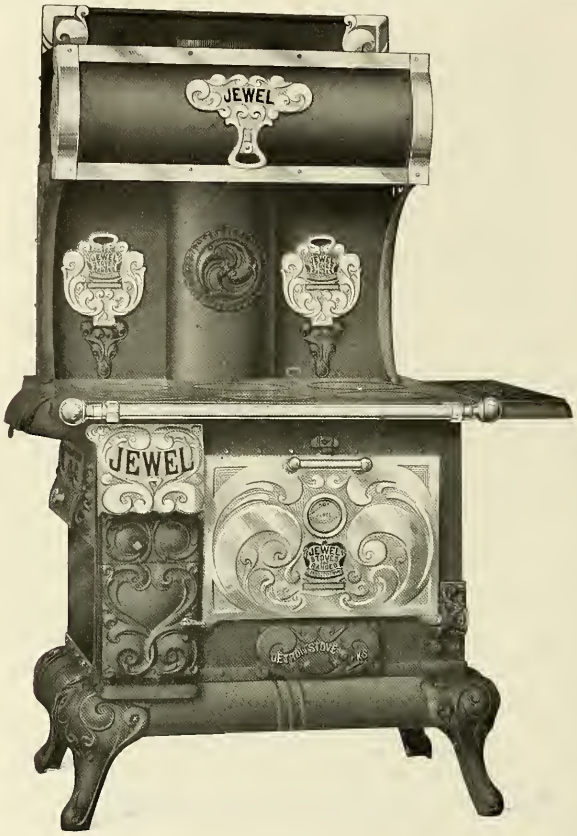
Style F

Service Jewel Steel Range

With Detachable Reservoir, High Closet, Towel Bar and Oven Thermometer.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—16	Six 8-in.	16 x 18 x 12	26 x 41	330	**$68.50**	Attach
81—18	" 8 "	18 x 18 x 12	26 x 43¼	345	**72.50**	Attachable
91—18	" 9 "	18 x 18 x 12	26 x 43¼	350	**73.75**	Attache

Height from Floor to Top Plate, 28½ in. Height from Floor to top of High Closet, 59 in.
Ranges take 19-in. wood.
See full description, pages 31, 32 and 33.



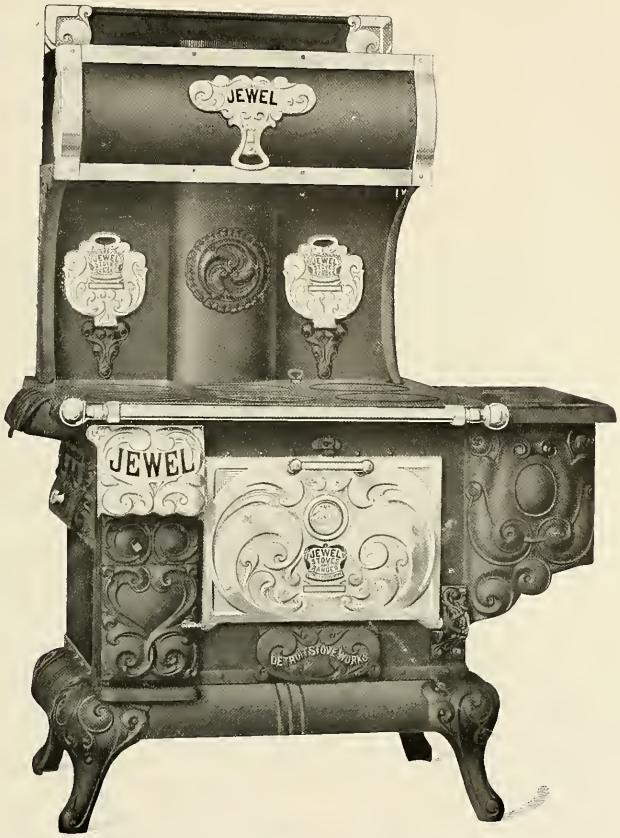
Style E

Comfort Jewel Steel Range

Square with End Shelf, High Closet, Towel Bar and Oven Thermometer.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—16	Six 8-in.	16 x 18 x 12	26 x 36½	300	**$56.00**	Attachment
81—18	" 8 "	18 x 18 x 12	26 x 37½	315	**60.00**	Attain
91—18	" 9 "	18 x 18 x 12	26 x 37½	320	**61.25**	Attack
Water Front, extra, all sizes				22	**6.25**	Attenuate

Height from Floor to Top of Range, 31½ in. Height from Floor to top of High Closet, 62½ in.
Ranges take 19-in. wood.
See full description, pages 31, 32 and 33.



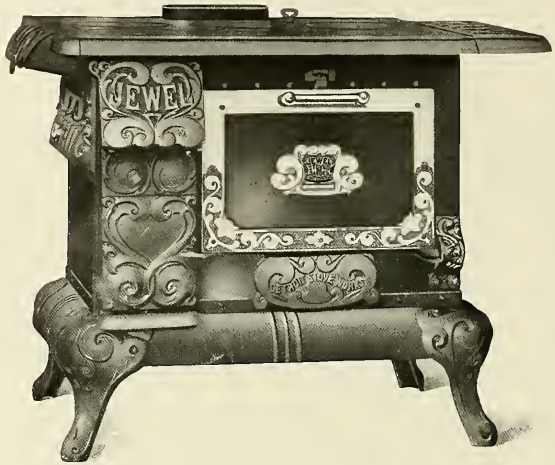
Style F

Comfort Jewel Steel Range

With Detachable Reservoir, High Closet, Towel Bar and Oven Thermometer.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—16	Six 8-in.	16 x 18 x 12	26 x 41	330	**$68.50**	Attainable
81—18	" 8 "	18 x 18 x 12	26 x 43¼	345	**72.50**	Attainment
91—18	" 9 "	18 x 18 x 12	26 x 43¼	350	**73.75**	Attaint

Height from Floor to Top of Range, 31½ in. Height from Floor to top of High Closet, 62½ in.
Ranges take 19-in. wood.
See full description, pages 31, 32 and 33.



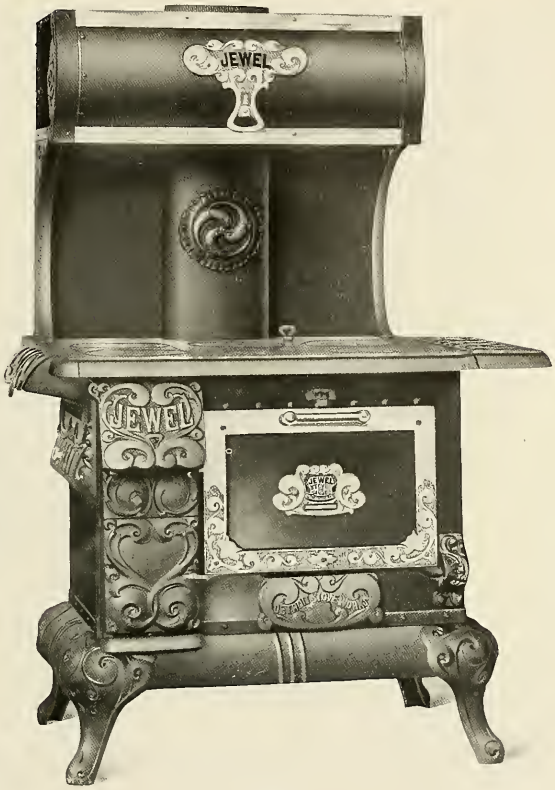
Style A

Hero Jewel Steel Range

Square with End Shelf.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—16	Six 8-in.	16 x 18 x 12	26 x 36½	260	**$37.75**	Attemper
81—18	" 8 "	18 x 18 x 12	26 x 37½	275	**41.50**	Attempt
91—18	" 9 "	18 x 18 x 12	26 x 37½	280	**42.75**	Attend
Back Guard with two Nickel Teapot Shelves, extra				10	**2.50**	Awn
Water Front, extra, all sizes				22	**6.25**	Attic

Height from Floor to Top of Range, 31½ in.
Ranges take 19-in. wood.
See full description, pages 31, 32 and 33.



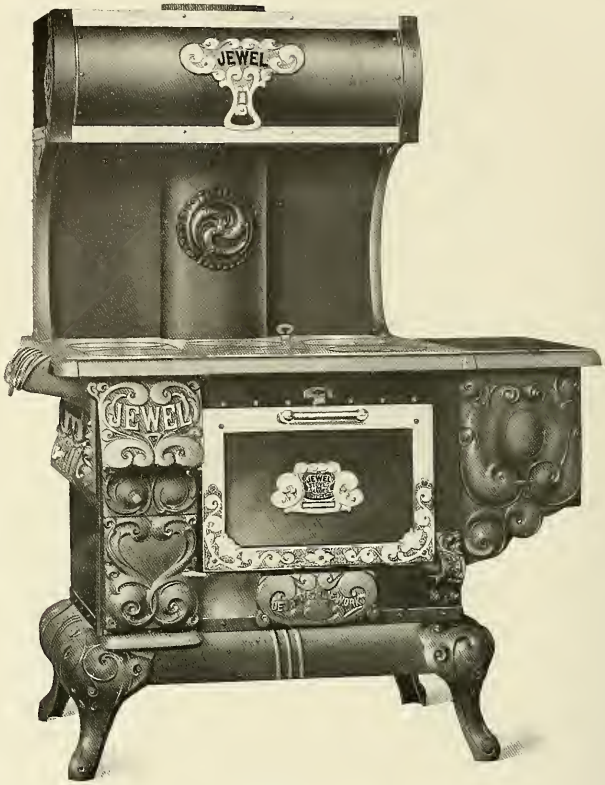
Style E

Hero Jewel Steel Range

Square with End Shelf and High Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—16	Six 8-in.	16 x 18 x 12	26 x 36½	295	**$47.75**	Attendance
81—18	" 8 "	18 x 18 x 12	26 x 37½	310	**51.50**	Attendant
91—18	" 9 "	18 x 18 x 12	26 x 37½	315	**52.75**	Attention
Water Front, extra, all sizes				22	**6.25**	Attic

Height from Floor to Top of Range, 31½ in. Height from Floor to top of High Closet, 59 in.
Ranges take 19-in. wood.
See full description, pages 31, 32 and 33.



Style F

Hero Jewel Steel Range

With Detachable Reservoir and High Closet.
For Hard Coal, Soft Coal, Coke or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—16	Six 8-in.	16 x 18 x 12	26 x 41	320	**$60.25**	Attentive
81—18	" 8 "	18 x 18 x 12	26 x 43¼	335	**64.00**	Attentively
91—18	" 9 "	18 x 18 x 12	26 x 43¼	340	**65.25**	Buckboard

Height from Floor to Top of Range, 31½ in. Height from Floor to Top of High Closet, 59 in.
Ranges take 19-in. wood.
See full description, pages 31, 32 and 33.

DETROIT JEWEL GAS RANGES

JEWEL STOVES AND RANGES
DETROIT STOVE WORKS
LARGEST STOVE PLANT IN THE WORLD

THE LARGEST AND MOST COMPLETE LINE OF GAS COOKING AND HEATING APPLIANCES IN THE WORLD

Special Catalog of 122 Pages

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DETROIT STOVE WORKS · · · DETROIT–CHICAGO

Standardization and Interchangeability in JEWEL CAST RANGES

Very Important Advantages

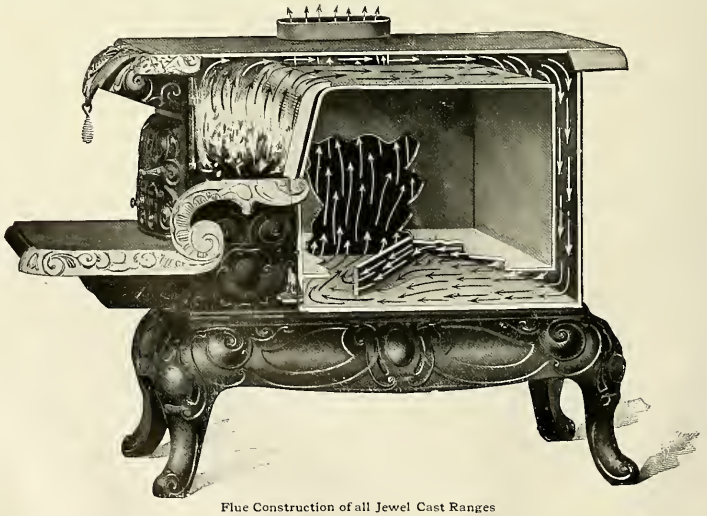
IN Cast Ranges as in Steel Ranges interchangeability of parts is a matter of paramount importance to the dealer and user. With this in mind it must be conceded that the many lines of Jewel Cast Ranges adaptable as they are to the requirements of various sections of the country, offer a supremely attractive proposition.

We predicted a ready sale for our Plain Finish Ranges, the Crystal, and Empress Jewel. Dealers who put them in stock found that we had understated the demand, as they met with quick appreciation from stove buyers.

Their popularity is based upon their highly attractive appearance, remarkable baking efficiency, and the ease with which they can be kept clean and free from dust and grease. Every woman, on the alert to save labor, welcomes these Plain Jewel Cast Ranges. She sees at a glance their many advantages, therefore, they practically sell themselves.

The Crystal, and Empress Jewel are splendid examples of the advantages of interchangeability. They are made from one set of bodies—same fire box linings, same grates, same covers, centers, and top plates. They differ only in details designed to specially adapt them to the requirements of certain sections and desires of different people. The advantage of this interchangeability in furnishing repair parts, etc., is obvious.

In the Medium Price Cast Ranges the same idea is exemplified. With one body as a basis we have produced the Diamond, Quality, Agate, Standard, and Pearl Jewel, five (5) distinct ranges. These have the same fire box linings, grates, covers, centers, etc., but vary in finish and in front and end construction.



Flue Construction of all Jewel Cast Ranges

Crystal Jewel Cast Range

Plain Finish Range with Hearth. Beautiful in Appearance and Built for Long Efficient Service. For the Finest Trade

For Hard Coal, Soft Coal, or Wood

THIS range makes instant appeal to experienced housewives. It offers two very substantial benefits to the housekeeper—extreme cleanliness and extreme durability. Its simple lines and plain smooth castings bespeak quality. The size of oven and fire box guarantee high efficiency. With its distinctive style it unites the very latest improvements in cast range construction. Look it over carefully.

Castings

All cast parts are extra heavy, and are made from JEWEL Kemi-Test Iron, which insures smooth, tough, lasting and quick-heating castings. Special care is taken to insure perfect fitting of every part.

Fire Box

Fire box is extra deep and wide, and correctly proportioned for securing the greatest efficiency from the fuel consumed. It will hold fire over night. Fire brick or cast iron linings can be furnished. Both are made in sections and can be easily removed or replaced. Air space back of linings serves to protect them from burning out. Fire box extension at rear, for long wood, is supplied on every range.

Duplex Grate

Duplex grate for hard or soft coal; so made that one movement of the crank cuts out the dead ashes and cinders, and drops them into ash pan. Grates are easily removed without disturbing water front or linings. Has no frames or tracks to warp and get out of order.

Duplex Grate for Wood

Duplex grate, reversed, forms a perfect wood fire bottom. Makes the fire box shallower, and brings fire nearer the top. Removing end linings permits use of 20-in. wood.

Oven

Large, square, quick baking, cast plate oven, can be heated evenly with the minimum of fuel. Will bake perfectly on the rack as well as oven bottom. Top plate covered with cement.

Oven Thermometer

Accurate Oven Thermometer in front of oven door is furnished with each range for telling the temperature of the oven while baking.

Oven Door

Large, square, tin-lined swing oven door. "Kicker" for automatically opening the oven door is provided, also a convenient cast iron shelf.

Top

Top surface of the range is extra wide and deep, giving large area of cooking surface.

Top plate is cast in sections, to prevent warping.

Heavy, solid Jewel ring covers, one made in ring sections for reducing size of hole and accommodating different sized utensils; heavy centers and long center, cut to prevent warping. No key plates to warp and necessitate expensive repairing.

Broiler Feed, Grate and Clean Out Doors

Swinging grate door when opened, exposes entire grate front, giving easy access for cleaning with poker.
Large swing wood feed door.
Combination hopper and broiler feed door, with draft slide, a great convenience for feeding coal or broiling.
Flue cleaning door under oven shelf.

Hearth

Large draw hearth slides out for removing bailed ash pan from roomy ash pit.

Damper

Easily operated, direct draft, vertical damper with plunger removed from reach of flames.

Water Fronts

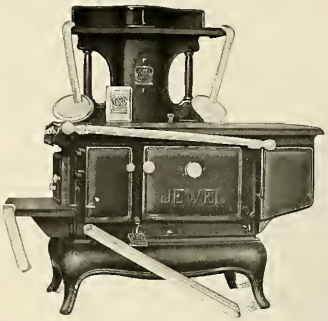
For heating water, powerful water fronts can be had

Reservoir

Extra large reservoir, enameled with cast reservoir casing; Japanned and attractively ornamented lids flush with the top of the range. Flue shifting reservoir damper provides a means of quickly heating water in the reservoir, or for quickly heating the oven.

High Closet

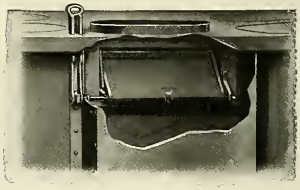
Roomy steel high closet, with rolling front, or convenient cast high shelf. High closet made of blue planished steel, with nickeled bands and ornaments, cast hinges, and two convenient teapot shelves.
One joint of pipe, with check damper, is furnished with high closet.



Removable Nickel Work

All nickel parts are held in place by cast lugs instantly removable for cleaning or polishing the range, a feature readily appreciated.

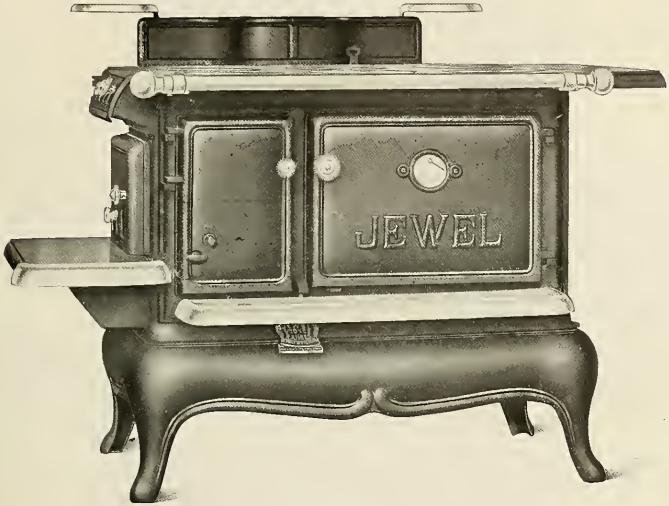
As the above illustration shows, all nickel parts are easily lifted from place. This fact, together with the extra care used by us in nickeling, insures satisfaction to every housekeeper. Unlike cheaply made stoves, all nickel parts will stay bright for years.



Vertical Damper

Nickeled Parts

Band on hearth; guard rail; handles on oven door, feed door and grate door; band on oven door shelf; panel on cast high shelf; top band on high shelf; brackets on high closet; bands on high closet and end castings; panel and handle on rolling front; teapot shelves and ornamental top corner pieces.



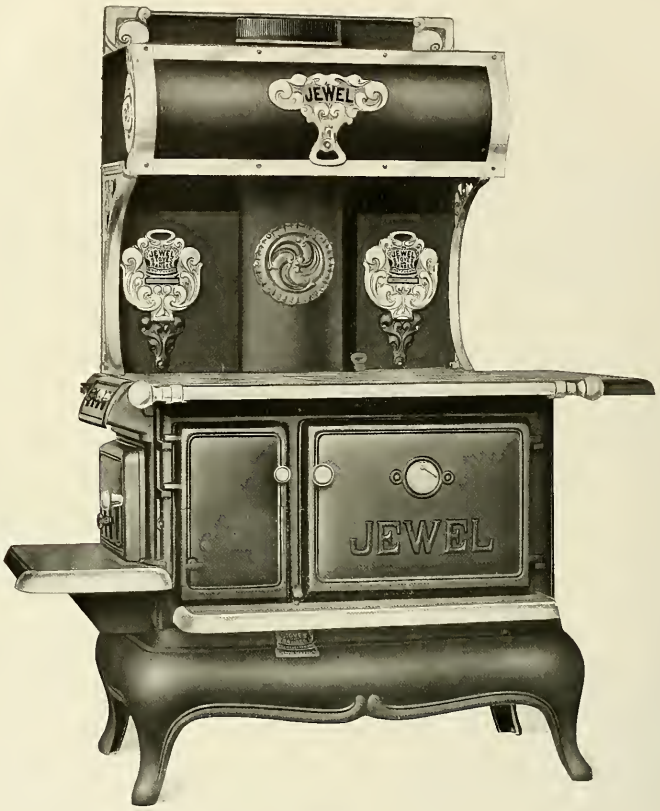
Style A

Crystal Jewel Cast Range

Square, with Teapot Shelves, End Shelf, Back Guard and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—18	Six 8-in.	18 x 19½ x 12½	26¾ x 40½	455	**$70.00**	Gibe
9—18	" 9 "	18 x 19½ x 12½	26¾ x 40½	460	**71.25**	Gentle
8—20	" 8 "	20 x 20½ x 12½	28¼ x 42½	490	**75.00**	Germ
9—20	" 9 "	20 x 20½ x 12½	28¼ x 42½	495	**76.25**	Ghost
Cast Iron High Shelf, extra				45	**7.50**	Gascon
Water Front, extra				30	**7.50**	Flat

Height from Floor to Top Plate, 32 in.
Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick ordered.



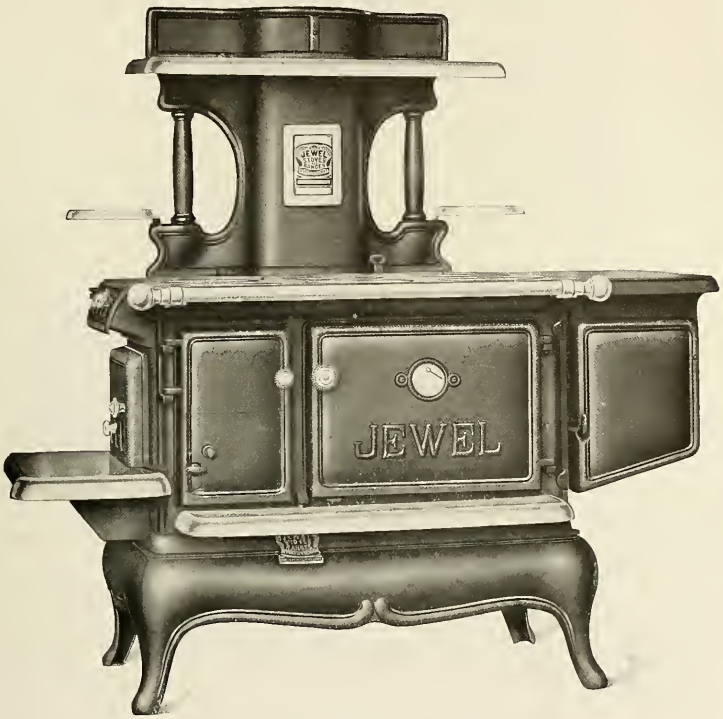
Style E

Crystal Jewel Cast Range

Square with Steel High Closet, End Shelf and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—18	Six 8-in.	18 x 19½ x 12½	26¾ x 40½	505	**$85.00**	Bushy
9—18	" 9 "	18 x 19½ x 12½	26¾ x 40½	510	**86.25**	Busily
8—20	" 8 "	20 x 20½ x 12½	28¼ x 42½	540	**90.00**	Business
9—20	" 9 "	20 x 20½ x 12½	28¼ x 42½	545	**91.25**	Busk

Height from Floor to Top Plate, 32 in. Height from Floor to High Closet, 63 in.
Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick ordered.



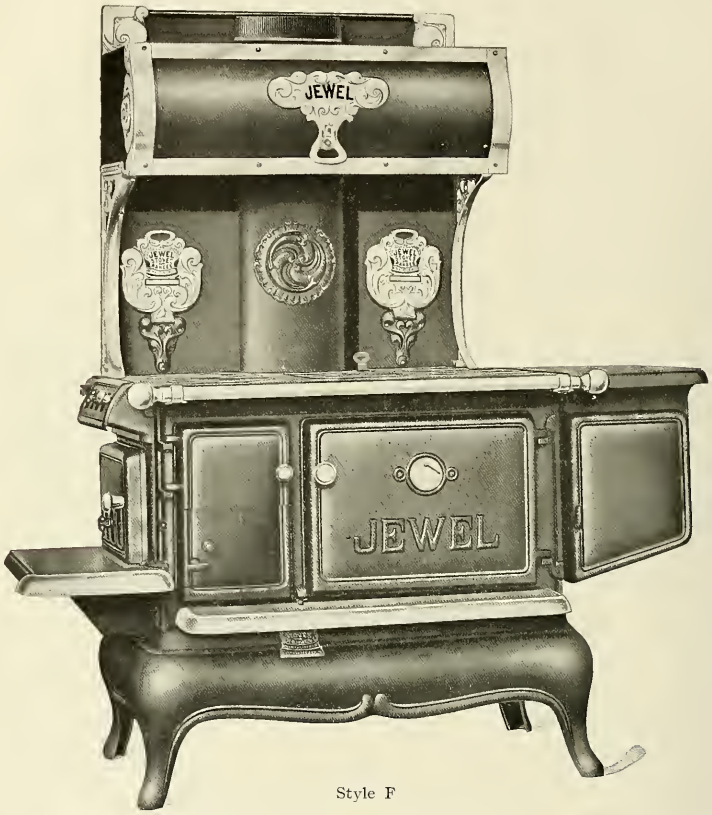
Style K

Crystal Jewel Cast Range

With Reservoir, Teapot Shelves, Cast High Shelf and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 19½ x 12½	26¼ x 44¾	565	**$92.50**	Grave
9—18	" 9 "	18 x 19½ x 12½	26¾ x 44¾	570	**93.75**	Guile
8—20	" 8 "	20 x 20½ x 12½	28¼ x 46¾	600	**97.50**	Guarantee
9—20	" 9 "	20 x 20½ x 12½	28¼ x 46¾	605	**98.75**	Guarantor

Height from Floor to Top Plate, 32 in. Height from Floor to top of High Shelf, 54 in.
Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick ordered.



Style F

Crystal Jewel Cast Range

With Reservoir, Steel High Closet, and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 19½ x 12½	26¾ x 44¾	575	**$100.00**	Imbue
9—18	" 9 "	18 x 19½ x 12½	26¾ x 44¾	580	**101.25**	Immerge
8—20	" 8 "	20 x 20½ x 12½	28¼ x 46¾	610	**105.00**	Implore
9—20	" 9 "	20 x 20½ x 12½	28¼ x 46¾	615	**106.25**	Invoke

Height from Floor to Top Plate, 32 in. Height from Floor to top of High Closet, 63 in.
Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick ordered.

Empress Jewel Cast Ranges

Newest Style. Sanitary Finish. Easily Cleaned. Drop Oven Door. No Hearth.

For Hard Coal, Soft Coal, Coke or Wood

A FULL size, extra heavy, large cast range that combines the compactness and convenience of a steel range with the well-known durability of a high grade cast range. This is a range that sells without argument. Its appearance, style and finish speak for themselves. As far as baking efficiency and fuel economy are concerned it is not surpassed by any cast range manufactured. There is a live demand for these ranges now and it is growing fast because the Empress has all the qualities that appeal to the experienced housewife.

Castings

Made from Kemi-test iron—a fine grade of pure iron, chemically analyzed and tested to insure uniform quality, strength and durability.

Fire Box

Is of proper length, width and depth, oval in shape and has no "dead corners." It is so perfectly proportioned that fire can be kept over night without trouble, and baking quickly and evenly done. Heavy sectional linings are easily removed and protected against burning out by a ventilating air space behind the back sections. Fire box will accommodate 20-inch wood and is equipped with a Drop Feed Wood Door.

Duplex Grate

Is a model of strength and ease of operation. One turn of the crank cuts out all clinkers and ashes, dropping them into the ash pan below. No frames or tracks to warp and crack. Only two bars exposed to the fire. To burn wood simply reverse grate; makes the fire box shallower and brings fire nearer the top.

Square Oven

Extra large in size. Perfect baking is assured because of the Jewel Direct Acting Flue Construction (see page 42). Oven top is protected by asbestos cement and oven is equipped with a durable wire oven rack, easily kept clean.

Drop Oven Door

Square door lined flush with black refined steel. Is spring poised so that it drops without slamming or banging and opens flush with the oven door forming a shelf convenient for basting, etc. Provided with ventilating door catch. Equipped with a thermometer which tells temperature of oven at all times.

Top Plate

Is extra large and provided with six cooking holes. Made with cut centers, in sections to provide for expansion and contraction without cracking. One reducing ring cover.

Guard Rail

Removable nickel guard rail extends across the front of the top plate thus preventing clothes of operator from coming in contact with the stove.

Plunger Oven Damper

In combination with the other dampers gives perfect control of the fire so that this range can be operated with satisfaction and economy at all times.

Ash Pit

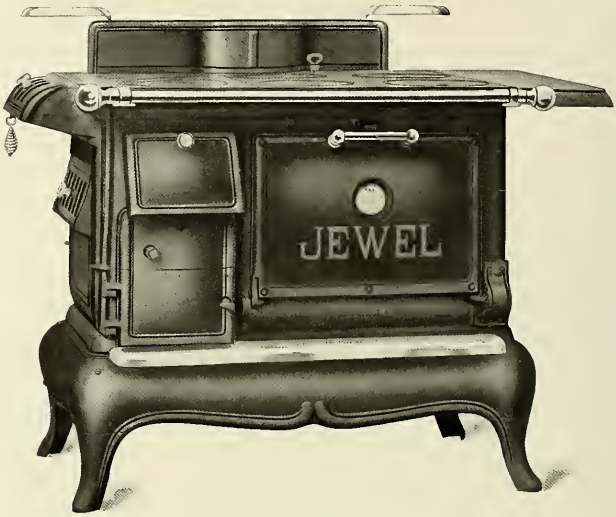
Much larger than those found in ordinary cast ranges. Provided with a heavy steel bailed ash pan with strong handle. Swinging ash pit door. Cast iron extension makes it easy to remove ashes without the ashes falling upon the floor.

Pouch Feed and Grate Door

Sufficiently large in size so that fire can be fed without removing lids. The pouch feed door is provided with draft slide to regulate the fire. This door can also be used for broiling or toasting. Grate door with draft slide shutter drops exposing the full length of fire box for poking or cleaning the fire.

Reservoir

Extra large reservoir. Porcelain lined and encased with heavy casings. Provides a sufficient supply of warm water at all times. Reservoir damper throws the heat around all sides of reservoir when open and when closed does not interfere with baking qualities of range.



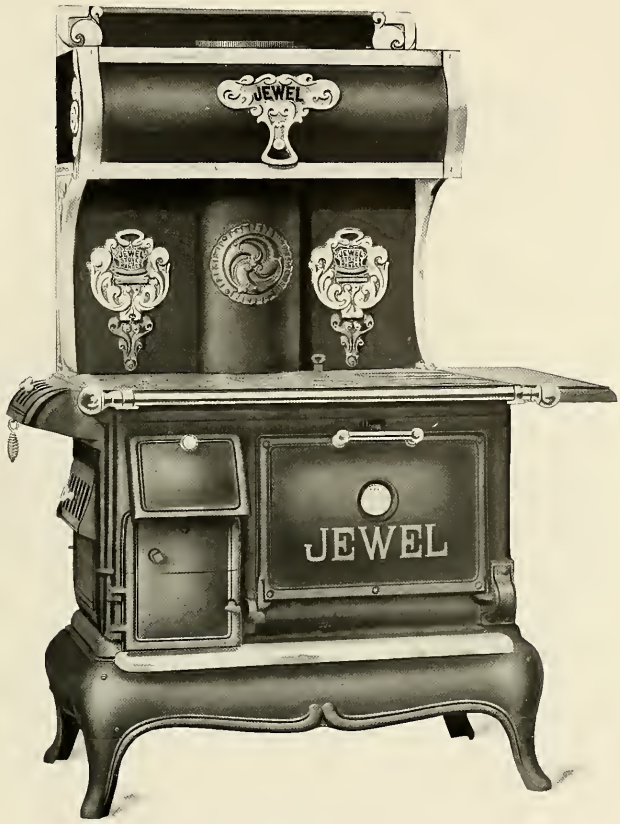
Style A

Empress Jewel Cast Range

Square, with Back Guard, End Shelf, Teapot Shelves and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—18	Six 8-in.	18 x 19½ x 12½	26¾ x 40½	445	**$67.50**	Augural
9—18	" 9 "	18 x 19½ x 12½	26¾ x 40½	450	**68.75**	Augury
8—20	" 8 "	20 x 20½ x 12½	28¼ x 42½	470	**72.50**	August
9—20	" 9 "	20 x 20½ x 12½	28¼ x 42½	475	**73.75**	Aunt
Water Front, extra				30	**7.50**	Avaunt

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick ordered.



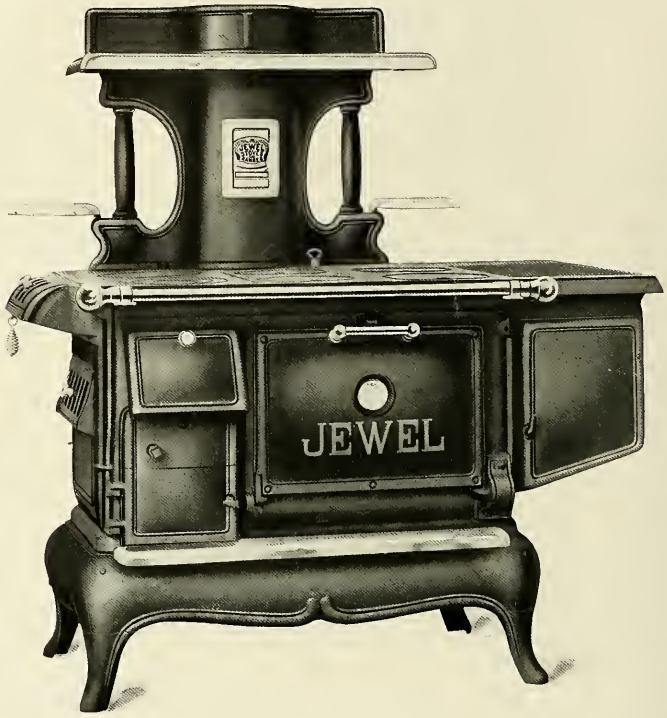
Style E

Empress Jewel Cast Range

Square, with Steel High Closet, End Shelf and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—18	Six 8-in.	18 x 19½ x 12½	26¾ x 40½	495	**$82.50**	Aurora
9—18	" 9 "	18 x 19½ x 12½	26¾ x 40½	500	**83.75**	Aurish
8—20	" 8 "	20 x 20½ x 12½	28¼ x 42½	520	**87.50**	Auspice
9—20	" 9 "	20 x 20½ x 12½	28¼ x 42½	525	**88.75**	Auspicious
Water Front, extra				30	**7.50**	Avaunt

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick ordered.



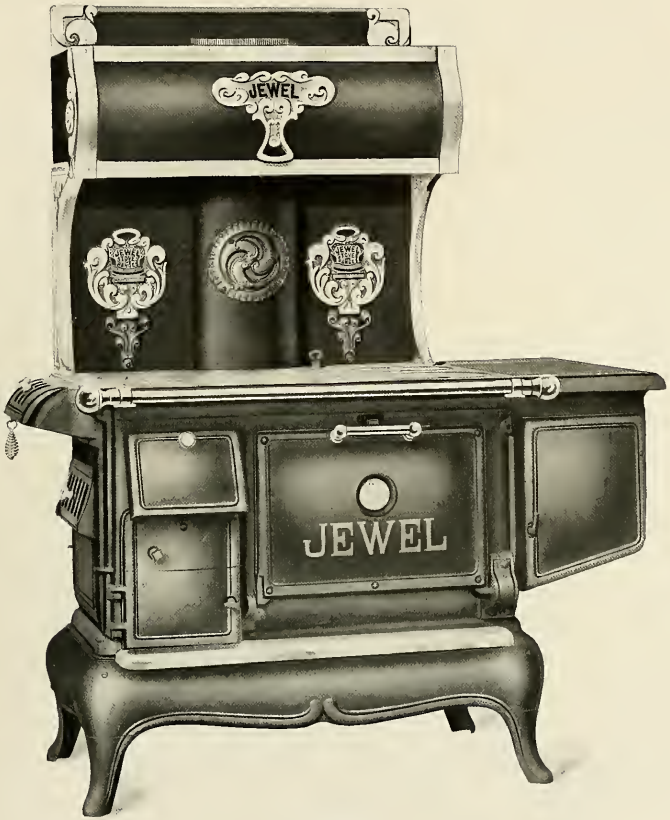
Style K

Empress Jewel Cast Range

With Reservoir, Cast High Shelf, Teapot Shelves and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 19½ x 12½	26¾ x 44¾	570	$90.00	Austere
9—18	" 9 "	18 x 19½ x 12½	26¾ x 44¾	575	91.25	Austerity
8—20	" 8 "	20 x 20½ x 12½	28¼ x 46¾	600	95.00	Austral
9—20	" 9 "	20 x 20½ x 12½	28¼ x 46¾	605	96.25	Authentic

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick ordered.



Style F

Empress Jewel Cast Range

With Reservoir, Steel High Closet and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 19½ x 12½	26¼ x 44¾	570	**$97.50**	Author
9—18	" 9 "	18 x 19½ x 12½	26¾ x 44¾	575	**98.75**	Authoress
8—20	" 8 "	20 x 20½ x 12½	28¼ x 46¾	610	**102.50**	Authorative
9—20	" 9 "	20 x 20½ x 12½	28¼ x 46¾	615	**103.75**	Authority

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick ordered.

Jewel Sheet Flue Construction

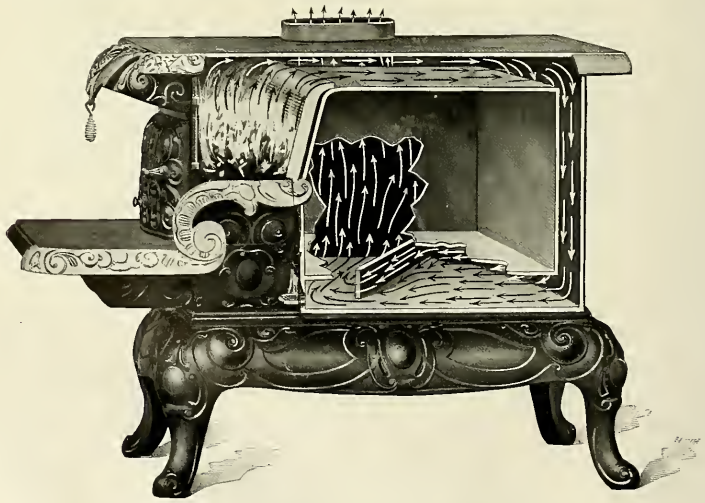
Insures Perfect Baking and Great Fuel Economy

THE Flue Construction of a range is often overlooked by both dealer and buyer, when as a matter of fact it is entitled to the most careful consideration, for upon the even and effective DISTRIBUTION of the HEAT depends the baking efficiency and fuel economy of the range.

The Jewel Sheet Flue Construction illustrated below has four distinct advantages: (1) By reason of heating FIVE SIDES of the oven instead of four, it gives an even temperature in every part of the oven, insuring perfect baking on oven rack and oven bottom at the same time. (2) Heat is carried direct from the fire box over the oven top in one solid sheet so that all six holes in cast top can be utilized for cooking. (3) It is less liable to become choked up with soot than the old style, cheaper, half size flue constructions, and is at all times easier to clean out. (4) By even distribution of heat it insures maximum fuel economy and quick baking.

Please note that the back flue is ONE large flue. It is not divided by a center strip into two small flues as is the case with cheaper constructions. It is ONE large, open, powerful flue. Down this wide flue the heat and flames are carried in one sheet, sweeping across the bottom of the oven diagonally towards the front and around the flue strip to the oven back and up the oven back to the smoke flue. The Jewel Sheet Flue Construction thus gives highest efficiency and the largest possible benefit from the fuel consumed. From the illustration you will note that the BACK of the oven, which is left cold in cheaper constructions, in all Jewel Ranges is thoroughly heated. The clean-out door is at the front of the range where it is easily accessible.

The oven bottoms of Jewel Ranges are made in two pieces, thus preventing cracking or warping, and the oven tops are properly protected.



Sectional View Showing Jewel Sheet Flue Construction.

Corona Jewel Cast Range

Elaborately Carved and Ornamented Six-Hole Range. Highest Quality.

For Hard Coal, Soft Coal, or Wood

THE Corona Jewel sets the pace for high finish and high quality. Wherever it is introduced it attracts considerable attention. It embodies the maximum of style, efficiency and service. Its high, square oven bespeaks ample baking capacity and perfect baking. Its top is roomy and easy to work over. Its base is unusually massive. The handsome nickel trimmings delight the housewife with their bright cheerful effect. As a whole the Corona Jewel is a cast range that you cannot duplicate for efficiency and quality.

Castings

Are made from JEWEL Kemi-test metal which insures tough, lasting, smooth castings.

Oval Fire Box

Obviating dead corners. Lined with extra heavy, durable fire box linings; iron for soft coal; iron or brick for hard coal.

Jewel Duplex Grate

Furnished with this range is efficient, easy to operate and economical. One turn of shaker or operating handle cuts out all clinkers and ashes. Easily removed without disturbing the linings. No frames to warp and bind. Reversed, makes a good wood fire bottom.

High, Deep Oven

Is square and exceptionally broad, wide and deep, well ventilated. Oven plates skilfully fitted; top oven plates covered with cement. Large oven rack, made of steel wire; light, durable, easily kept clean.

Swing Oven Door

Is tin lined and has "Kicker" for automatically opening it with foot. Convenient cast iron outside oven shelf.

Oven Thermometer

Placed in center of oven door on each range tells the temperature at all times.

Flue Construction

Sheet flue construction heating five sides of the oven insures quick and even heating of all parts of the oven (see illustration on page 54).

Draw Hearth

Large Draw Hearth, slides out full width. Extra large and deep bailed ash pan.

Sectional Top

Top plate cast in sections, to prevent cracking. Extra heavy JEWEL ring covers, one made in reducing ring sections to accommodate different sized utensils; extra thick centers; cut long center.

Control

Direct draft vertical damper, easily operated; handle removed from reach of the flames.

High Closets and Shelves

Choice of Closet—two styles, made of blue planished steel with nickeled teapot shelves; handsome nickeled trimmings or ornamental cast high closet. First joint of pipe accompanies each high closet. Ornamental pattern cast high shelf with removable nickeled edge.

Reservoir or Water Front

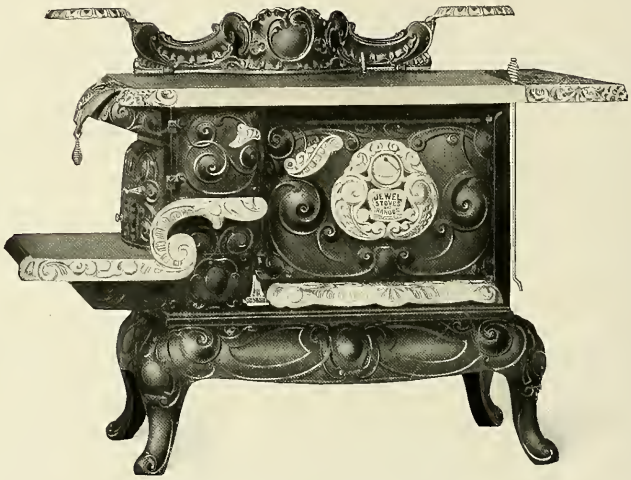
White enameled reservoir, with cover Japanned and ornamented in colors; reservoir top flush with top of the range. Flue shifting reservoir damper. Powerful water front furnished extra if desired.

Other Points

Combination hopper and broiler feed door; towel rod. Strong ash pit door. Hinged flue clean out door in front of range. Roomy end shelf. Cast back guard with teapot shelves.

Nickeled Parts

Oven door panel; oven door handle; handle on fire door and front door; high closet panels; panel on cheek of reservoir; teapot shelves; burnished edge band on high shelf and high closet; burnished edge band, with ornamental cast corner pieces, on top plate; ash hearth; strip on edge of hearth; outside oven shelf; towel rod; "Kicker" for automatically opening the oven door with the foot.



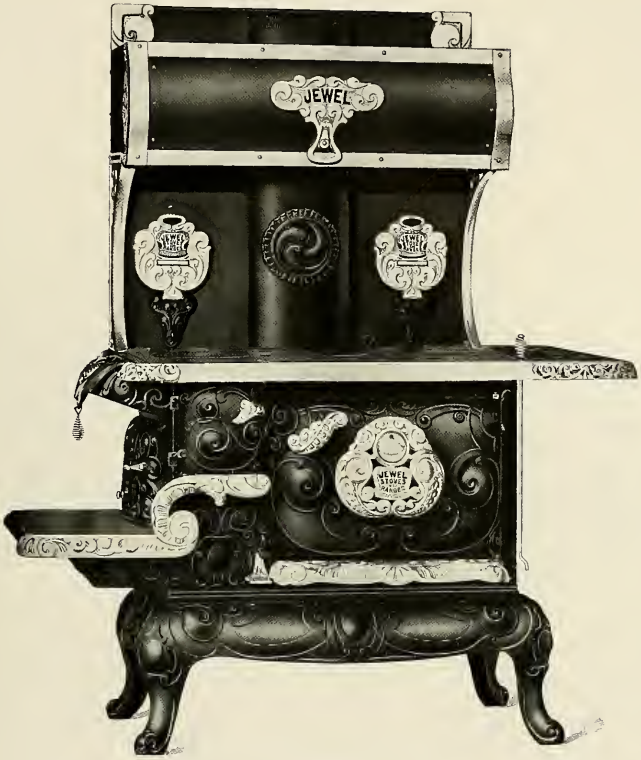
Style A

Corona Jewel Cast Range

Square, with Back Guard, Teapot Shelves, End Shelf and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—17	Six 8-in.	17 x 17 x 12	27½ x 40½	390	**$62.50**	Convulse
8—19	" 8 "	19 x 19 x 13	29½ x 42½	450	**67.50**	Convulsion
9—19	" 9 "	19 x 19 x 13	29½ x 42½	460	**68.75**	Evade
8—21	" 8 "	21 x 21 x 14	30½ x 44½	485	**72.50**	Convulsive
9—21	" 9 "	21 x 21 x 14	30½ x 44½	490	**73.75**	Cony
Water Front, any size, extra				25	**7.50**	Cool

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Iron shipped unless Brick ordered.



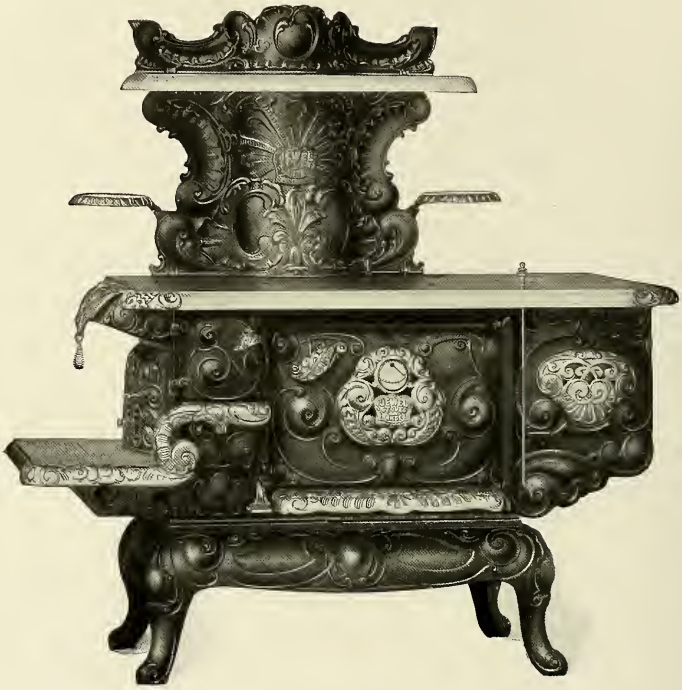
Style ES

Corona Jewel Cast Range

Square, with Steel High Closet, End Shelf and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—17	Six 8-in.	17 x 17 x 12	27½ x 40½	480	**$77.50**	Besotted
8—19	" 8 "	19 x 19 x 13	29½ x 42½	535	**82.50**	Besmut
9—19	" 9 "	19 x 19 x 13	29½ x 42½	540	**83.75**	Beside
8—21	" 8 "	21 x 21 x 14	30½ x 44½	585	**87.50**	Debase
9—21	" 9 "	21 x 21 x 14	30½ x 44½	590	**88.75**	Decamp
Water Front, extra				25	**7.50**	Cool

Specify whether Brick or Iron Fire Box Linings are wanted.
Iron shipped unless Brick ordered.



Style K

Corona Jewel Cast Range

With Reservoir, High Shelf, Teapot Shelves and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—17	Six 8-in.	17 x 17 x 12	27½ x 45½	529	**$85.00**	Corded
8—19	" 8 "	19 x 19 x 13	29½ x 47½	570	**90.00**	Cordage
9—19	" 9 "	19 x 19 x 13	29½ x 47½	580	**91.25**	Evening
8—21	" 8 "	21 x 21 x 14	30½ x 49½	620	**95.00**	Cordial
9—21	" 9 "	21 x 21 x 14	30½ x 49½	625	**96.25**	Cordiality

Specify whether Brick or Iron Fire Box Linings are wanted.
Iron shipped unless Brick ordered.

Style FC

Corona Jewel Cast Range

With Reservoir, Cast High Closet and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—17	Six 8-in.	17 x 17 x 12	27½ x 45½	560	**$92.50**	Brawl
8—19	" 8 "	19 x 19 x 13	29½ x 47½	615	**97.50**	Deceive
9—19	" 9 "	19 x 19 x 13	29½ x 47½	620	**98.75**	Descent
8—21	" 8 "	21 x 21 x 14	30½ x 49½	665	**102.50**	Declaim
9—21	" 9 "	21 x 21 x 14	30½ x 49½	670	**103.75**	Declare

Steel High Closet can be furnished instead of Cast High Closet, if desired.
Specify whether Brick or Iron Fire Box Linings are desired.
Iron shipped unless Brick ordered.

Diamond Jewel Cast Range

Handsomely Ornamented, Finely Carved Six-Hole Range at a Moderate Price

For Hard Coal, Soft Coal, or Wood

THE vital points in cast range construction are the castings, the fire box, the flue construction, the mounting and fitting. The DIAMOND JEWEL presents an unusually strong combination of these five vital points, with beauty and low price. It is one of our most popular sellers. The Diamond, Pearl, Standard and Agate Jewel are examples of the Jewel plan of standardization and interchangeability of parts. The same bodies, fire box linings, grates and top plates are used as the basis of all four stoves.

Castings
Are made from Jewel Kemi-Test Metal, the smoothest, strongest, longest-lasting iron ever produced for stove castings. Made from a special mixture chemically analyzed and tested to insure uniform quality and strength. All joints are cemented—every joint air tight.

Fire Box
Is oval in shape and of correct size to secure highest baking efficiency. Sectional iron linings have air space behind back, insuring durability. Brick linings for hard coal furnished if desired. Fire box has extension for burning wood and cast end linings can be easily removed.

Jewel Duplex Grate
Furnished with this range is efficient, easy to operate and economical. One turn of shaker or operating handle cuts out all clinkers and ashes. Easily removed without disturbing the linings. No frames to warp and bind. Reversed, makes a good wood fire bottom.

Square Oven
Will bake on oven rack and oven bottom at the same time. Oven bottom is made in two pieces to allow for expansion and contraction. Oven plates are all skilfully fitted and of uniform thickness to insure perfect baking in every part.

Oven Door
Is aluminized inside. Ornamented with handsome nickeled panel and handle. Oven door "kicker" for automatically opening oven door with the foot.

Flue Construction
The Diamond Jewel embodies the Jewel Sheet flue construction which is at once the most efficient and most economical flue construction ever designed. Fully described and illustrated on page 54.

Control
Direct draft vertical damper is of very simple design and construction and easily operated. Handle is entirely removed from reach of heat and flames. End draft door full length of fire box. Check damper in pouch feed.

Top Plate
Top plate is cast in sections to prevent cracking or warping. Should any part be broken it can be replaced at minimum expense. Cut long center is reinforced giving maximum strength. Covers are extra heavy and one reducing cover to accommodate different sized utensils is furnished with each range.

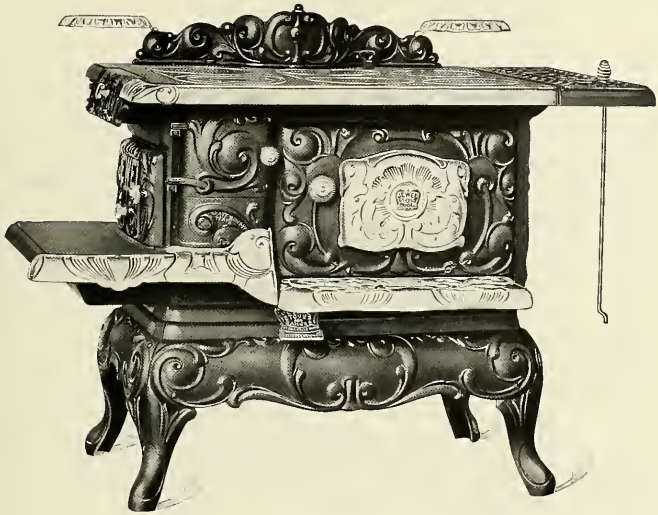
Hearth
Hearth pulls out full width exposing entire ash pit which is equipped with a large bailed ash pan.

Special Points
Steel wire oven rack, light, strong, durable and easily kept clean. Oven shelf is handsomely nickeled, fits firmly in place without bolts, screws or nuts and is removable without the aid of tools. Hinged flue door just below oven shelf is instantly accessible. Flues can be cleaned quickly without any trouble, clean out door being in front of range.

Reservoir or Water Front
White enameled reservoir of ample size furnishes plenty of hot water. Flue shifting reservoir damper turns heat to and from reservoir. Reservoir top is flush with top of range. Covers are Japanned and ornamented in colors. Water front, furnished when ordered, is of the Jewel straight type and heats water quickly.

High Closets and Shelves
Made of Blue Planished Steel with nickeled teapot shelves. Handsome nickeled trimmings. First joint of pipe with damper accompanies each high closet. Ornamental Colonial pattern cast High Shelf with removable metal edge.

Nickeled Parts
Oven Door panel, oven door handle, fire door handle, teapot shelves, steel edge band with ornamental cast corners. Outside oven shelf, cast edge of hearth, towel rod, Alaska knobs.

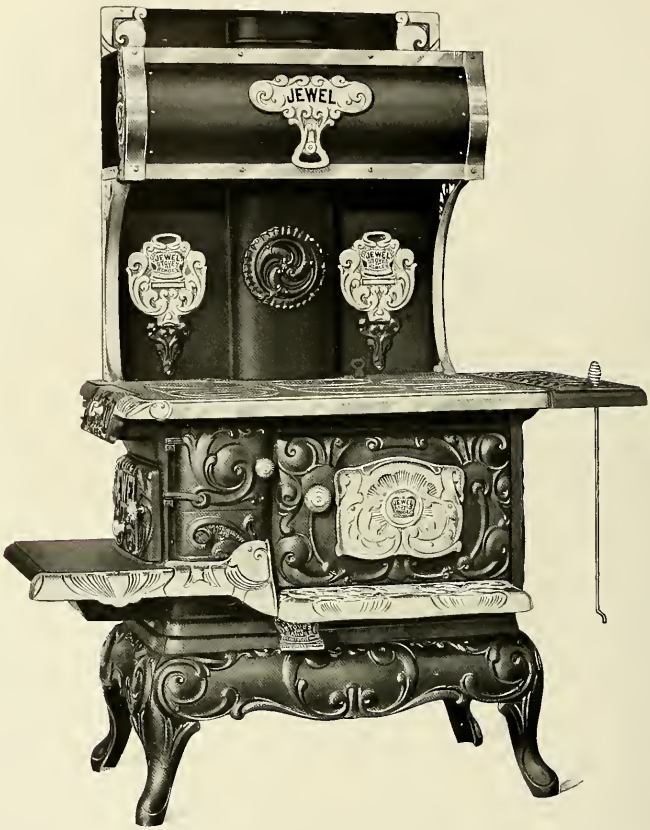


Style A

Diamond Jewel Cast Range

With Back Guard, Teapot Shelves and End Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—16	Six 8-in.	16 x 16 x 10½	26½ x 38½	325	**$50.00**	Wallet
81—18	" 8 "	18 x 19 x 11½	27½ x 40½	365	**55.00**	Wallop
81—20	" 8 "	20 x 20 x 12½	29½ x 42½	400	**60.00**	Wallow
91—20	" 9 "	20 x 20 x 12½	29½ x 42½	405	**61.25**	Walnut
Cast High Shelf, extra				40	**7.50**	Wampum
Water Front, any size, extra				20	**6.25**	Walrus
Oven Thermometer, extra					**2.50**	Babble

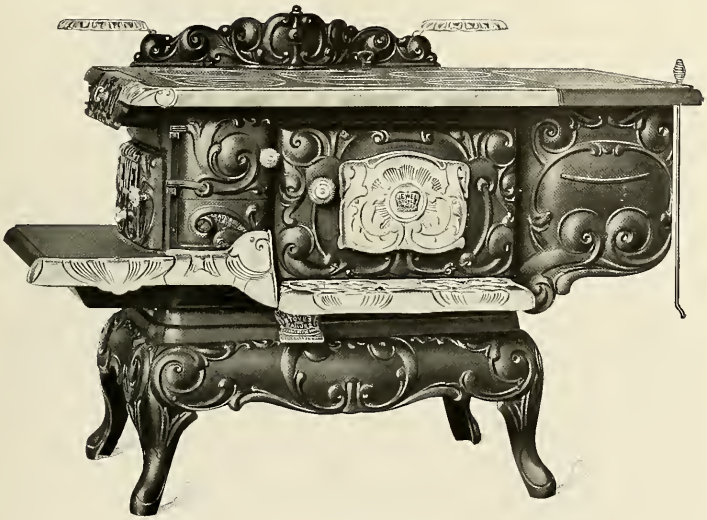


Style E

Diamond Jewel Cast Range

Square, with Steel High Closet and End Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—16	Six 8-in.	16 x 16 x 10½	26½ x 38½	375	**$65.00**	Bravery
81—18	" 8 "	18 x 19 x 11½	27½ x 40½	415	**70.00**	Dissect
81—20	" 8 "	20 x 20 x 12½	29½ x 42½	450	**75.00**	Document
91—20	" 9 "	20 x 20 x 12½	29½ x 42½	455	**76.25**	Documentary
Water Front, extra				20	**6.25**	Cool

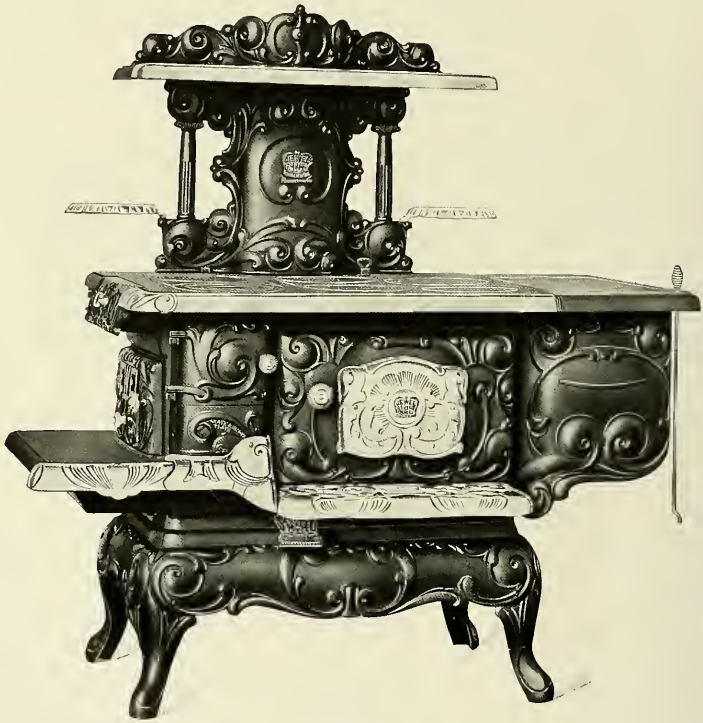


Style B

Diamond Jewel Cast Range

With Reservoir, Back Guard and Teapot Shelves.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44½	430	**$68.75**	Wander
81—20	" 8 "	20 x 20 x 12½	29½ x 47	465	**73.75**	Wanderer
91—20	" 9 "	20 x 20 x 12½	29½ x 47	465	**75.00**	Wanness
Oven Thermometer, extra					**2.50**	Babble

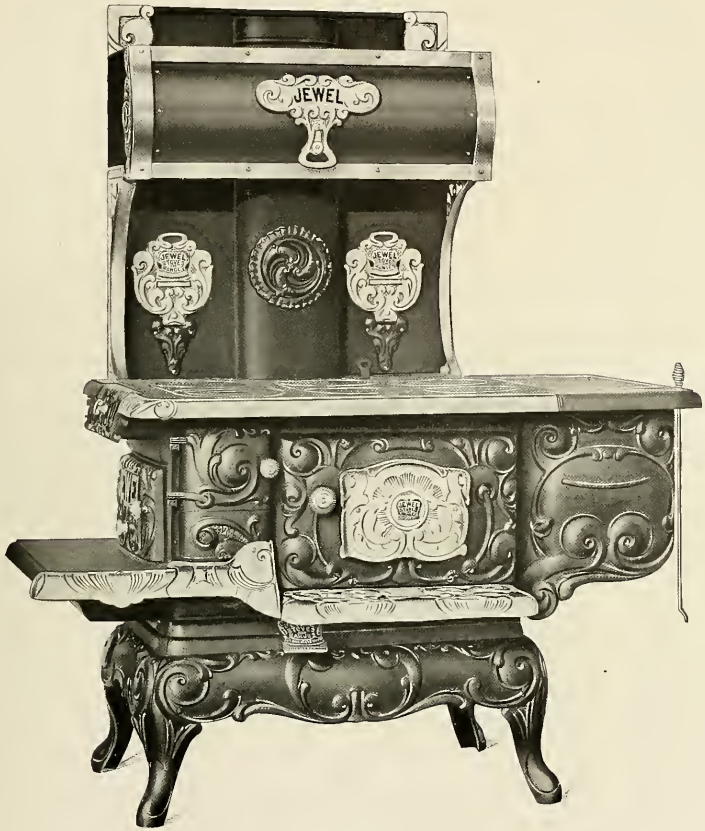


Style K

Diamond Jewel Cast Range

With Reservoir, High Shelf and Teapot Shelves.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44½	455	**$76.25**	War
81—20	" 8 "	20 x 20 x 12½	29½ x 47	485	**81.25**	Warble
91—20	" 9 "	20 x 20 x 12½	29½ x 47	490	**82.50**	Warbling
Oven Thermometer, extra					**2.50**	Babble



Style F

Diamond Jewel Cast Range

With Reservoir and Steel High Closet.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44½	480	**$83.75**	Edicit
81—20	" 8 "	20 x 20 x 12½	29½ x 47	510	**88.75**	Edify
91—20	" 9 "	20 x 20 x 12½	29½ x 47	515	**90.00**	Edification
Oven Thermometer, extra					**2.50**	Babble

Pearl Jewel Cast Range

A Beautifully Carved, Highly Finished Four-Hole Cast Range With Square Oven

For Hard Coal, Soft Coal, or Wood

THE PEARL JEWEL is in general construction exactly the same as the Diamond, described on page 60, excepting that it has a four-hole top. A carved range of first class quality with elaborate nickel trimmings. There is a steady demand for the Pearl Jewel as it represents the most that can be had for the price. The fire box, linings, grates, tops, covers and centers are standardized and interchangeable with four other Jewel ranges. This is an advantage which neither dealer nor user can afford to overlook.

Castings
Are made from Jewel Kemi-Test Metal, the smoothest, strongest, longest-lasting iron ever produced for stove castings. Made from a special mixture chemically analyzed and tested to insure uniform quality and strength. All joints are cemented—every joint air tight.

Fire Box
Is oval in shape and of correct size to secure highest baking efficiency. Sectional iron linings have air space behind back, insuring durability. Brick linings for hard coal furnished if desired. Fire box has extension for burning wood and cast end linings can be easily removed.

Duplex Grate
The Jewel Duplex Grate furnished with this range is efficient, easy to operate and economical. One turn of shaker or operating handle cuts out all clinkers and ashes. Easily removed without disturbing the linings. No frames to warp and bind. Reversed, makes a good wood fire bottom.

Square Oven
Will bake on oven rack and oven bottom at the same time. Oven bottom is made in two pieces to allow for expansion and contraction. Oven plates are all skilfully fitted and of uniform thickness to insure perfect baking in every part.

Oven Door
Is aluminized inside. Ornamented with handsome nickeled panel and handle. Oven door "kicker" for automatically opening oven door with the foot.

Flue Construction
The Pearl Jewel embodies the Jewel Sheet flue construction which is at once the most efficient and most economical flue construction ever designed. Fully described and illustrated on page 54.

Control
Direct draft vertical damper is of very simple design and construction and easily operated. Handle is entirely removed from reach of heat and flames. End draft door full length of fire box. Check damper in pouch feed.

Large Draw Hearth
Pulls out full width exposing entire ash pit which is equipped with a large bailed ash pan. Direct draft vertical damper is of simple design and construction and easily operated. Handle is entirely removed from reach of heat and flames.

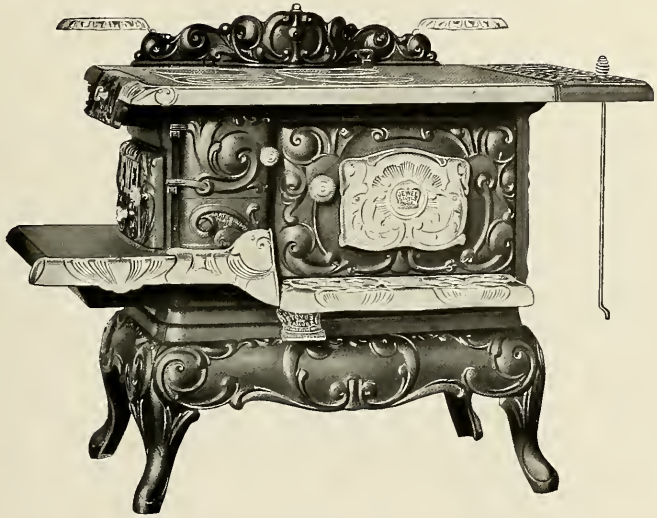
Top Plate
Top plate is cast in sections to prevent cracking or warping. Should any part be broken it can be replaced at minimum expense. Cut long center is reinforced giving maximum strength. Covers are extra heavy and one reducing cover to accommodate different sized utensils is furnished with each range.

Reservoir or Water Front
White enameled reservoir of ample size furnishes plenty of hot water. Flue shifting reservoir damper turns heat to and from reservoir. Reservoir top is flush with top of range. Covers are Japanned and ornamented in colors. Water front, furnished when ordered, is of the Jewel straight type and heats water quickly.

Special Points
Steel wire oven rack, light, strong, durable and easily kept clean. Oven shelf is handsomely nickeled, fits firmly in place without bolts, screws or nuts and is removable without the aid of tools. Hinged flue door just below oven shelf is instantly accessible. Flues can be cleaned quickly without any trouble, clean out door being in front of range.

High Closets and Shelves
Made of Blue Planished Steel with nickeled teapot shelves. Handsome nickeled trimmings. First joint of pipe with damper accompanies each high closet. Ornamental Colonial pattern cast High Shelves with removable metal edge.

Nickeled Parts
Oven Door panel, oven door handle, fire door handle, teapot shelves, steel edge band with ornamental cast corners. Outside oven shelf, cast edge of hearth, towel rod, Alaska knobs.

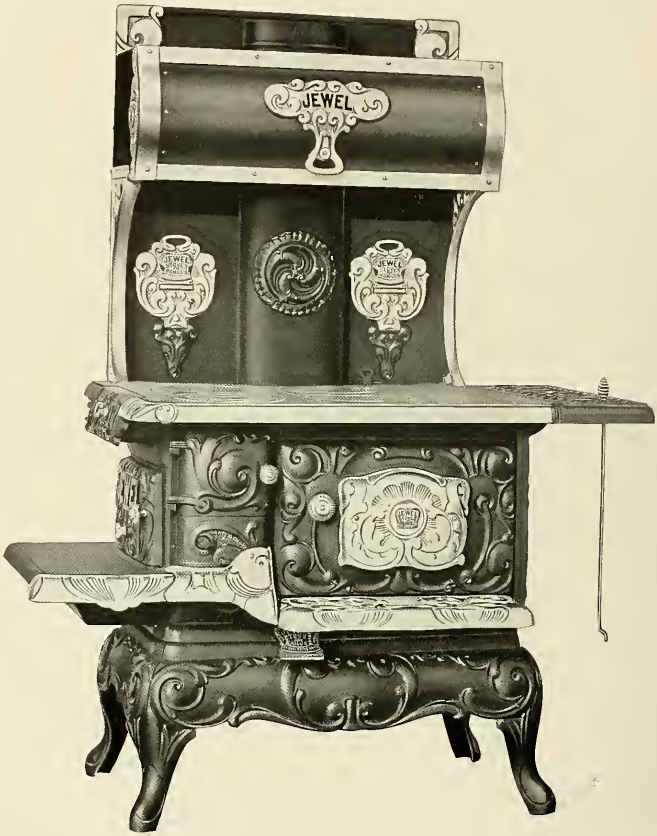


Style A

Pearl Jewel Cast Range

With Back Guard, Teapot Shelves and End Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—18	Four 8-in.	18 x 19 x 11½	27½ x 36	330	**$51.25**	Watch
91—18	" 9 "	18 x 19 x 11½	27½ x 36¼	335	**52.50**	Watchful
Water Front, any size, extra				20	**6.25**	Walrus
Oven Thermometer, extra					**2.50**	Babble
Cast High Shelf, extra				40	**7.50**	Awe

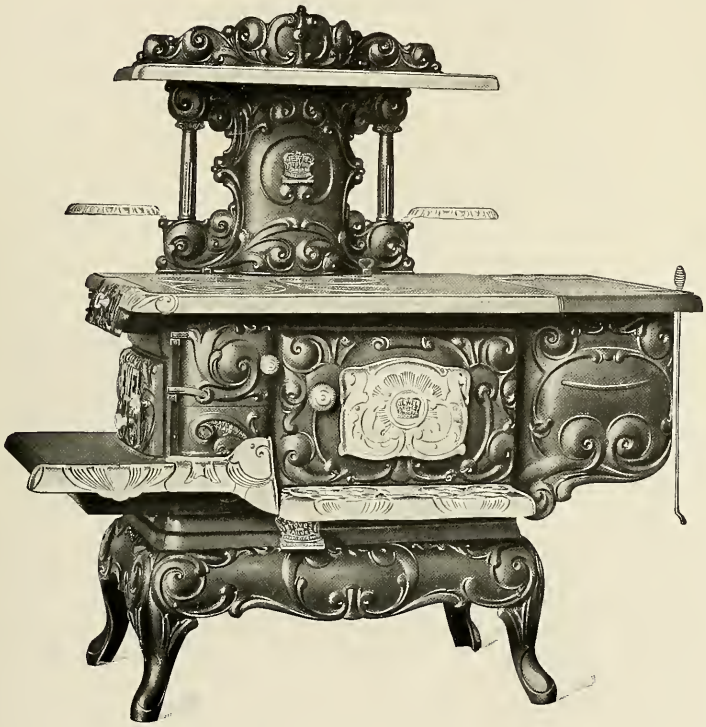


Style E

Pearl Jewel Cast Range

With Steel High Closet, Teapot Shelves and End Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—18	Four 8-in.	18 x 19 x 11½	27½ x 36	380	**$66.25**	Breadth
91—18	" 9 "	18 x 19 x 11½	27½ x 36¼	385	**67.50**	Breakf
Water Front, any size, extra				20	**6.25**	Walrus
Oven Thermometer, extra					**2.50**	Babble

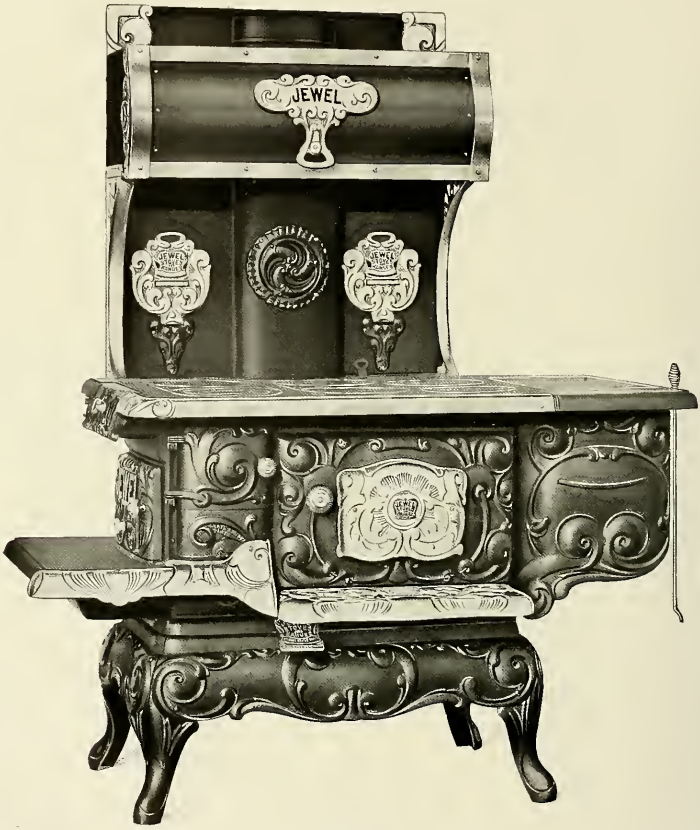


Style K

Pearl Jewel Cast Range

With Reservoir, High Shelf and Teapot Shelves.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Four 8-in.	18 x 19 x 11½	27½ x 40	435	**$72.50**	Waver
91—18	" 9 "	18 x 19 x 11½	27½ x 40½	440	**73.75**	Wax
Oven Thermometer, extra					**2.50**	Babbie
Cast High Shelf, if omitted, deduct				40	**7.50**	Awl



Style F

Pearl Jewel Cast Range

With Reservoir and Steel High Closet.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Four 8-in.	18 x 19 x 11½	27½ x 40	455	**$80.00**	Breakage
91—18	" 9 "	18 x 19 x 11½	27½ x 40½	460	**81.25**	Breaker
Oven Thermometer, extra					**2.50**	Babble

Quality Jewel Cast Range

Plain Finish Six-Hole Range with Cast Base and Large Square Oven.

For Hard Coal, Soft Coal, or Wood.

THE Quality Jewel is one of our celebrated "plain finish" line which has won such distinct national popularity. It is exactly the same as the Standard Jewel except for a few details which specially adapt it to certain localities. It is one of the neatest, simplest, most attractive ranges sold. All castings are smooth and plain, giving the popular "Colonial" or "Mission" effect.

If you want to realize just what remarkable value is concentrated in this stove just compare. Remember, linings, top, grates, firebox, etc., are standardized and interchangeable.

Castings
Are all made from our exclusive Kemi-Test iron, the toughest, smoothest grained, longest lasting iron ever used by a stove manufacturer. Every melt chemically analyzed and tested to insure uniform quality and strength.

Cut Sectional Top
Made in sections allowing for expansion and contraction. Any part can be inexpensively replaced. Heavy ribbed covers. One reducing or ring cover with each range.

Oval Fire Box
Has no "dead" corners and is of proper length and depth. Sectional cast linings with air space back of flue back. Air holes top and bottom provide heated air which, mixing with gases over fire, assist in securing perfect combustion, insuring great fuel economy.

Duplex Grates
Of standard Jewel Pattern. Simplest in design. Efficient, economical and durable. One turn of crank or shaker cuts out all cinders and ashes, dumping them in ash pan below. No tracks or frames to warp, crack and necessitate expensive repairs. Grate pulls out without removing linings. Reversible for wood.

Large Square Oven
Is full size and will bake perfectly in every part as a result of direct acting sheet flue construction and uniform thickness of castings. Oven top is ribbed pattern, asbestos cement covered. Oven bottom is two-piece construction, which allows for contraction and expansion. Sides, top and bottom are set in cup joints filled with asbestos cement, insuring perfectly air tight construction.

Oven Rack
Made of steel wire, light, strong, durable. Does not interfere with the heat. Easily kept clean.

Oven Door
Is square and swings open and has nickel handle and accurate oven thermometer. All fitting edges are ground; no cold air can get in to chill oven and spoil baking.

Direct Acting Flue Construction
Of this stove is illustrated and described on page 54. This is the most efficient and desirable flue construction known. Easily cleaned. Never chokes up. Flue clean-out door is self locking and is in front of stove beneath oven door shelf, where it is instantly and easily accessible. No trouble to clean out this stove.

Sliding Draw Hearth
Slides full width. Swing grate door gives free access to entire grate. Roomy ash pit has bailed ash pan of ample size.

Direct Draft Damper
Is of simple, strong construction. Cannot get out of order and will not burn out or warp because it is out of reach of flames and heat.

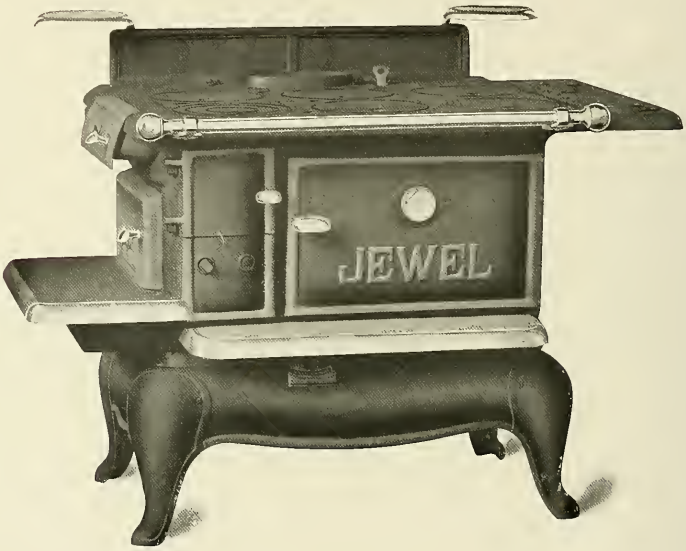
Cast Base
Handsomely modeled cast base. Gives stove rigid support. Will last a life-time. Heavy cast legs.

Cast Back Guard
Plain Colonial design nickel teapot shelves, furnished with each range shipped without high closet or high shelf.

Large Reservoir or Water Front
Reservoir is enameled inside and of ample size to furnish hot water required. Reservoir damper turns heat to and from reservoir. Top of reservoir is flush with range top. Japanned covers are prettily ornamented in colors. Straight water front furnished if wanted.

Other Good Points
Pouch feed with draft slide. Outside oven door shelf with nickel edge. Nickeled oven door handle. Removable guard rail. All plates skilfully fitted so that every joint is air tight. No waste of fuel from leaky joints. Plain, smooth end shelf, giving additional top surface. Nickel edge on hearth.

High Closet
Made of blue planished steel. Rigid handle. Rolling door. Colonial pattern high shelf.



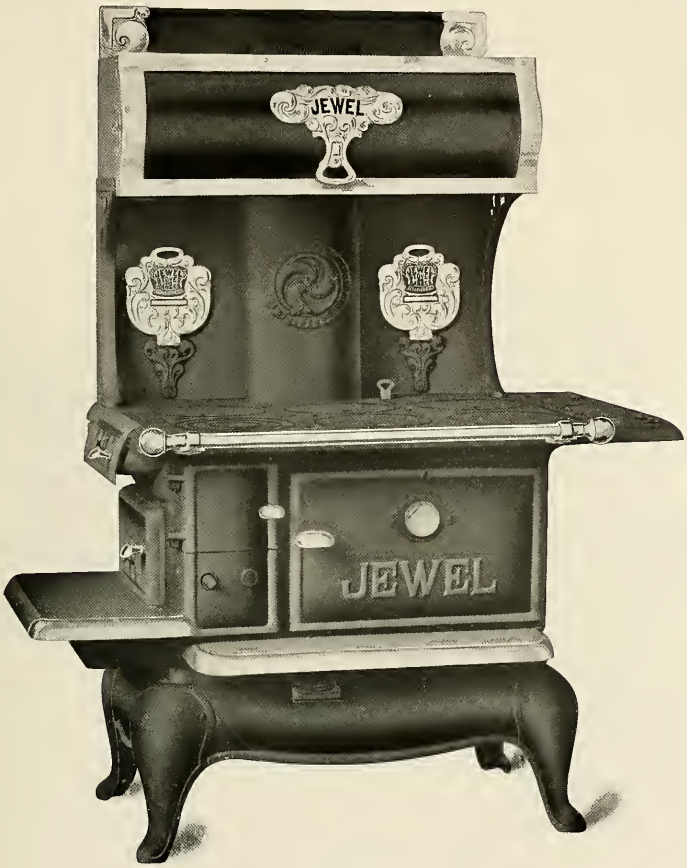
Style A

Quality Jewel Cast Range

Square with Back Guard, Teapot Shelves, End Shelf and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 40½	380	**$58.00**	Cab
81—20	" 8 "	20 x 20 x 12½	29½ x 42½	415	**63.00**	Cabal
91—20	" 9 "	20 x 20 x 12½	29½ x 42½	420	**64.25**	Cabbage
Water Front, extra.				25	**6.25**	Cool

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick specified.



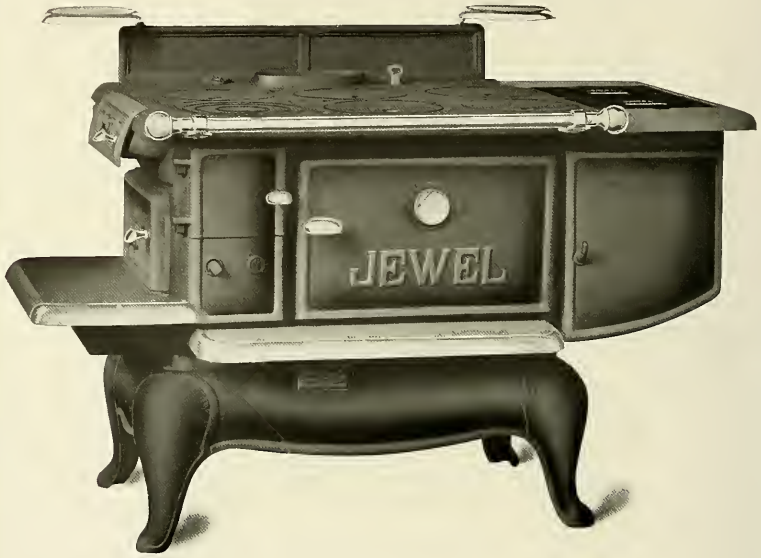
Style E

Quality Jewel Cast Range

Square, with High Closet, Teapot Shelves, End Shelf and Oven Thermometer.
For Hard Coal, Soft Coal or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 40½	425	**$71.75**	Cabber
81—20	" 8 "	20 x 20 x 12½	29½ x 42½	460	**76.75**	Cabbing
91—20	" 9 "	20 x 20 x 12½	29½ x 42½	465	**78.00**	Cabble
Water Front, extra.				25	**6.25**	Cool

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick specified.



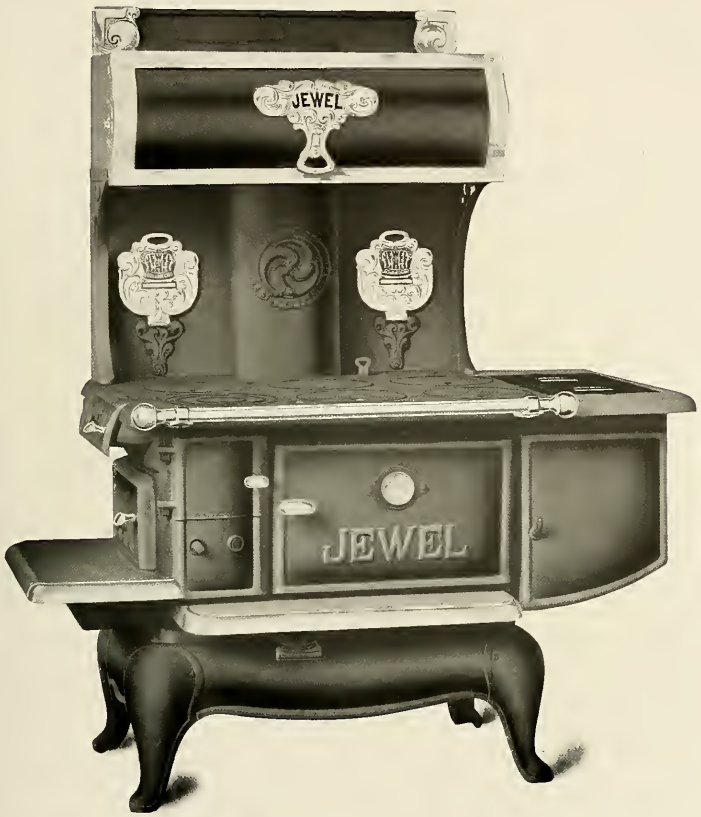
Style B

Quality Jewel Cast Range

With Reservoir, Back Guard, Teapot Shelves and Oven Thermometer.
For Hard Coal, Soft Coal or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44½	445	**$71.75**	Cabby
81—20	" 8 "	20 x 20 x 12½	29½ x 46½	475	**76.75**	Cabdom
91—20	" 9 "	20 x 20 x 12½	29½ x 46½	480	**78.00**	Cabful

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick specified.



Style F

Quality Jewel Cast Range

With Reservoir, Steel High Closet and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44½	490	**$85.50**	Cabin
81—20	" 8 "	20 x 20 x 12½	29½ x 46½	520	**90.50**	Cable
91—20	" 9 "	20 x 20 x 12½	29½ x 46½	525	**91.75**	Cabling

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick specified.

Agate Jewel Cast Range

A High Grade, Square Oven Range With Removable False Hearth and Ash Pit under Fire Box

For Hard Coal, Soft Coal, or Wood

THE AGATE JEWEL has removable end shelf or hearth and draw-out front ash pan requiring but small space in kitchen. The range is of high class construction throughout and represents the very latest ideas in an ornamental cast range. It embodies the Jewel idea of standardized interchangeable fire box linings, grates, tops, covers, centers, etc.

Castings

Are made from Jewel Kemi-Test Metal, the smoothest, strongest, longest-lasting iron ever produced for stove castings. Made from a special mixture chemically analyzed and tested to insure uniform quality and strength. All joints are cemented—every joint air tight.

Fire Box

Is oval in shape and of correct size to secure highest baking efficiency. Sectional iron linings have air space behind back, insuring durability. Brick linings for hard coal furnished if desired. Fire box has extension for burning wood and cast end linings can be easily removed.

Duplex Grate

The Jewel Duplex Grate furnished with this range is efficient, easy to operate and economical. One turn of shaker or operating handle cuts out all clinkers and ashes. Easily removed without disturbing the linings. No frames to warp and bind. Reversed, makes a good wood fire bottom.

Square Oven

Will bake on oven rack and oven bottom at the same time. Oven bottom is made in two pieces to allow for expansion and contraction. Oven plates are all skilfully fitted and of uniform thickness to insure perfect baking in every part.

Oven Door

Is aluminized inside. Ornamented with handsome nickeled panel and handle. Oven door "kicker" for automatically opening oven door with foot.

Oven Rack, Shelf and Flue Door

Steel wire oven rack, light, strong, durable and easily kept clean. Oven shelf is handsomely nickeled, fits firmly in place without bolts, screws or nuts and is removable without the aid of tools. Hinged flue door just below oven shelf is instantly accessible. Flues can be cleaned quickly without any trouble, clean out door being in front of range.

Control

Direct draft vertical damper is of very simple design and construction and easily operated. Handle is entirely removed from reach of heat and flames. End draft door full length of fire-box. Check damper in pouch feed.

Top Plate

Top plate is cast in sections to prevent cracking or warping. Should any part be broken it can be replaced at minimum expense. Cut long center is reinforced giving maximum strength. Covers are extra heavy and one reducing cover to accommodate different sized utensils is furnished with each range.

Reservoir or Water Front

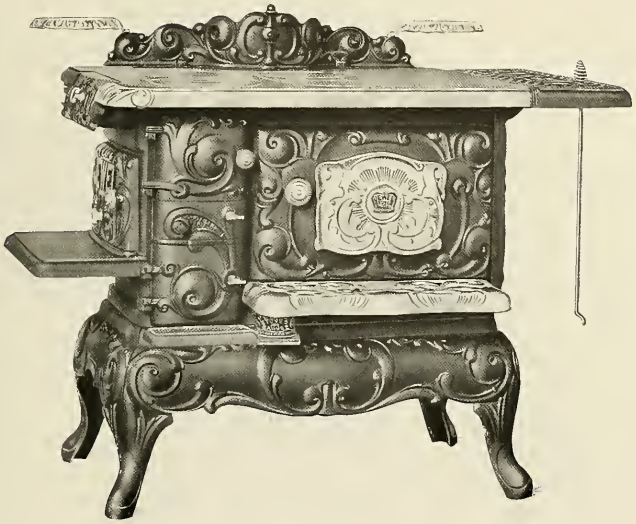
White enameled reservoir of ample size furnishes plenty of hot water. Flue shifting reservoir damper turns heat to and from reservoir. Reservoir top is flush with top of range. Covers are Japanned and ornamented in colors. Water front, furnished when ordered, is of the Jewel straight type and heats water quickly.

High Closets and Shelves

Made of Blue Planished Steel with nickeled teapot shelves. Handsome nickeled trimmings. First joint of pipe with damper accompanies each high closet. Ornamented Colonial pattern cast High Shelf with removable metal edge.

Nickeled Parts

Oven Door panel, Oven Door handle, Fire Door handle, Teapot shelves, Steel Edge Band with ornamented cast corners. Outside oven shelf, towel rod, Alaska knobs.

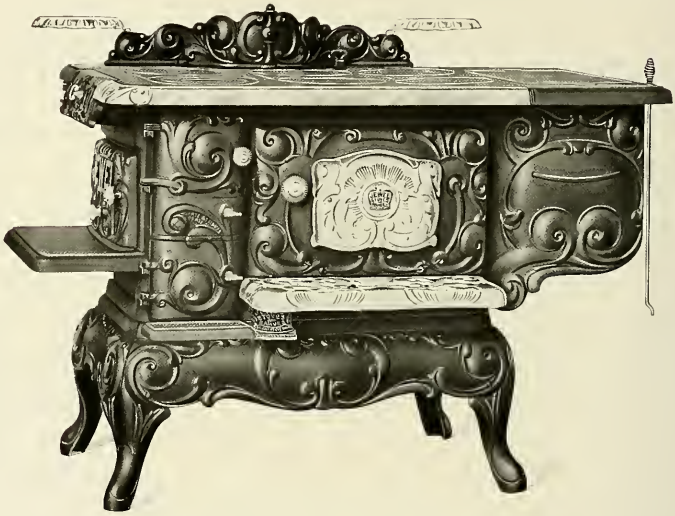


Style A

Agate Jewel Cast Range

Square, with Back Guard, Teapot Shelves, and End Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 40	340	**$50.00**	Waylay
81—20	" 8 "	20 x 20 x 12½	29½ x 42	380	**55.00**	Wayward
91—20	" 9 "	20 x 20 x 12½	29½ x 42¼	385	**56.25**	Weal
Water Front, any size, extra				20	**6.25**	Walrus
Oven Thermometer, extra					**2.50**	Babble

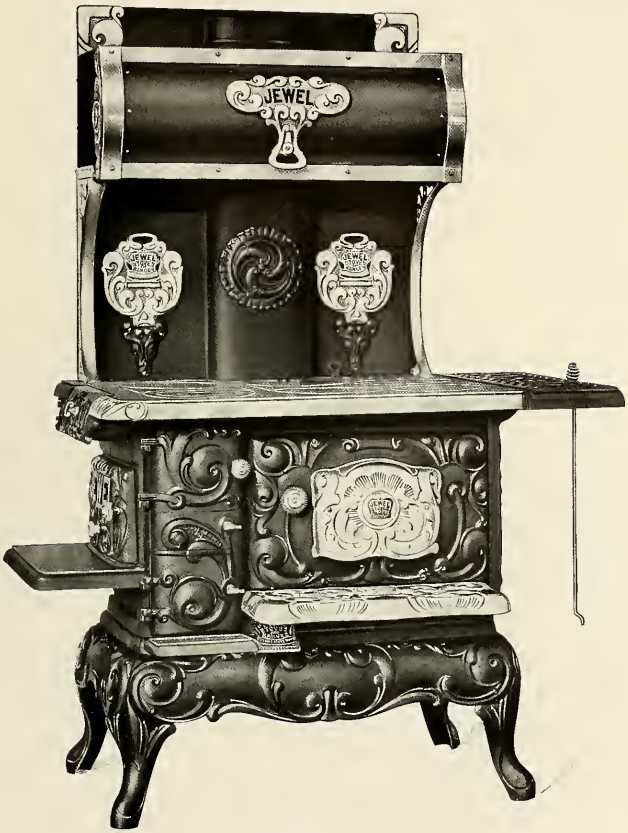


Style B

Agate Jewel Cast Range

With Reservoir, Back Guard and Teapot Shelves.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44	400	**$63.75**	Wealth
81—20	" 8 "	20 x 20 x 12½	29½ x 47	460	**68.75**	Wean
91—20	" 9 "	20 x 20 x 12½	29½ x 47¼	465	**70.00**	Weapon
Oven Thermometer, extra					**2.50**	Babble



Style E

Agate Jewel Cast Range

Square, with Steel High Closet and End Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 40	390	**$65.00**	Elixir
81—20	" 8 "	20 x 20 x 12½	29½ x 42	430	**70.00**	Elliptic
91—20	" 9 "	20 x 20 x 12½	29½ x 42	435	**71.25**	Elliptical
Water Front, any size, extra				20	**6.25**	Walrus
Oven Thermometer, extra					**2.50**	Babble

Style K

Agate Jewel Cast Range

With Reservoir, High Shelf and Teapot Shelves.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44	420	**$71.25**	Weariness
81—20	" 8 "	20 x 20 x 12½	29½ x 47	480	**76.25**	Wearisome
91—20	" 9 "	20 x 20 x 12½	29½ x 47¼	485	**77.50**	Weary
Oven Thermometer, extra					**2.50**	Babble

Style F

Agate Jewel Cast Range

With Reservoir and Steel High Closet.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44	450	**$78.75**	Elongate
81—20	" 8 "	20 x 20 x 12½	29½ x 47	510	**83.75**	Elope
91—20	" 9 "	20 x 20 x 12½	29½ x 47¼	515	**85.00**	Eloquence
Oven Thermometer, extra					**2.50**	Babble

Standard Jewel Cast Range

Plain Finish Six-Hole Square Oven Range with Drop Door

For Hard Coal, Soft Coal, or Wood.

THE STANDARD JEWEL has no end hearth, thus economizing in space as range is operated entirely from front. The plain finish drop oven door is fitted with an oven thermometer and a rigid Colonial style handle and the range presents a singularly attractive appearance. The Standard Jewel has our direct-acting, sheet flue construction, guaranteeing perfect baking and fuel economy. In general construction is the same as the Diamond, Agate and Pearl. It has the same standardized parts and the same large square oven.

Castings

Are made from Jewel Kemi-Test Metal, the smoothest, strongest, longest-lasting iron ever produced for stove castings. Made from a special mixture chemically analyzed and tested to insure uniform quality and strength. All joints are cemented—every joint air-tight.

Fire Box

Is oval in shape and of correct size to secure highest baking efficiency. Sectional iron linings have air space behind back, insuring durability. Brick linings for hard coal furnished if desired. Fire-box has extension for burning wood and cast end linings can be easily removed.

Duplex Grate

The Jewel Duplex Grate furnished with this range is efficient, easy to operate and economical. One turn of shaker or operating handle cuts out all clinkers and ashes. Easily removed without disturbing the linings. No frames to warp and bind. Reversed, makes a good wood fire bottom.

Square Oven

Will bake on oven rack and oven bottom at the same time. Oven bottom is made in two pieces to allow for expansion and contraction. Oven plates are all skilfully fitted and of uniform thickness to insure perfect baking in every part.

Oven Door

is steel lined and opens flush with oven bottom, making a convenient shelf. Spring balanced, avoiding jarring and breakage. Oven thermometer shows accurately degree of heat in oven.

Flue Construction

Jewel sheet flue construction, the most efficient and economical. Described page 54.

Control

Direct draft vertical damper is of very simple design and construction and easily operated. Handle is entirely removed from reach of heat and flames. End draft door full length of fire-box. Check damper in pouch feed.

Top Plate

Top plate is cast in sections to prevent cracking or warping. Should any part be broken it can be replaced at minimum expense. Cut long center is reinforced, giving maximum strength. Covers are extra heavy and one reducing cover to accommodate different sized utensils is furnished with each range.

Special Points

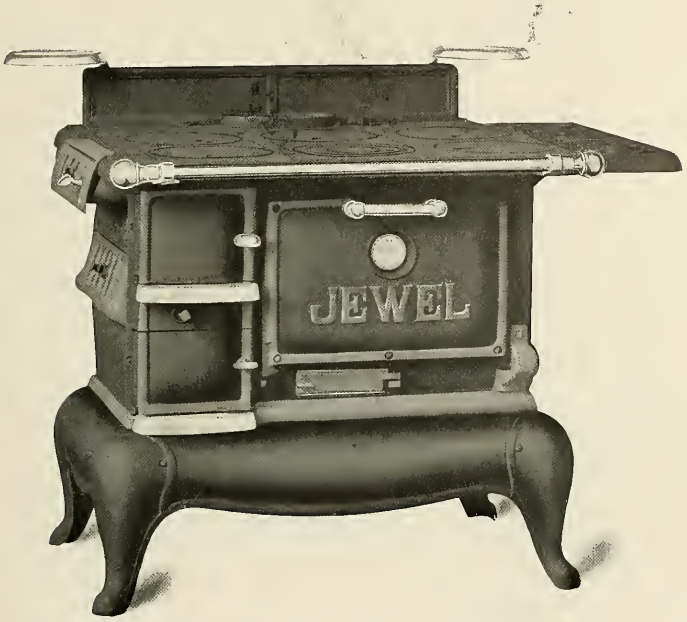
Steel wire oven-rack, light, strong, durable and easily kept clean. Oven shelf is handsomely nickeled, fits firmly in place without bolts, screws or nuts and is removable without the aid of tools. Hinged flue door just below oven shelf is instantly accessible. Flues can be cleaned quickly without any trouble, clean-out door being in front of range. Ash pan is unusually large. Finely modeled cast base and legs. Solid end shelf.

Nickeled Parts

Guard Rail, High Closet Band, Tea Shelves, Oven Door Handle, Knobs and Ash Pan Door Hearth and Grate Door Hearth.

High Closets and Shelves

Made of Blue Planished Steel with nickeled tea pot shelves. Handsomely nickeled trimmings. First joint of pipe with damper accompanies each high closet. Ornamental Colonial pattern cast High Shelf with removable metal edge.

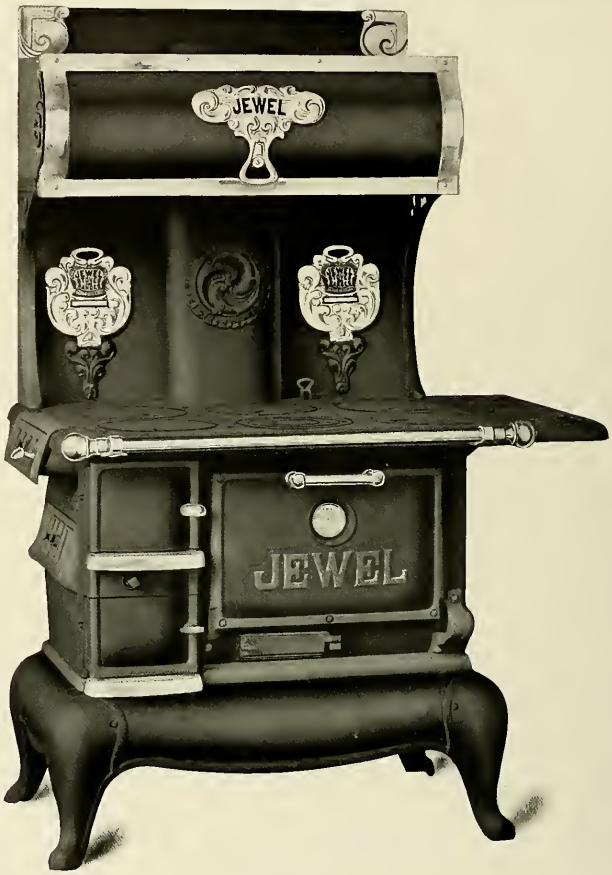


Style A

Standard Jewel Cast Range

Square, with Back Guard, End Shelf, Teapot Shelves and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 40½	355	**$55.50**	Cabman
81—20	" 8 "	20 x 20 x 12½	29½ x 42½	395	**60.50**	Caboose
91—20	" 9 "	20 x 20 x 12½	29½ x 42½	400	**61.75**	Cabot
Water Front, extra				25	**6.25**	Attic



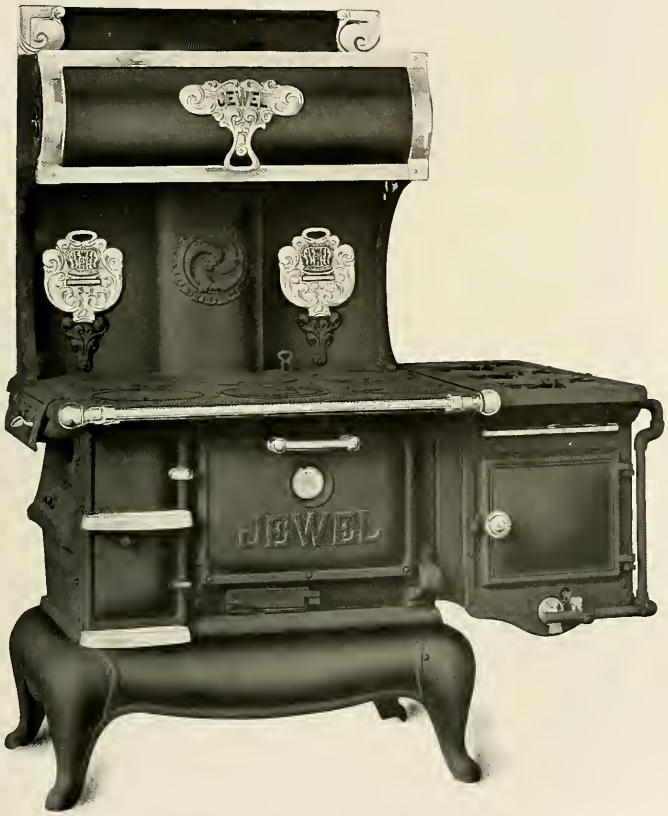
Style E

Standard Jewel Cast Range

Square, with Steel High Closet, End Shelf and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 40½	400	**$69.25**	Caburn
81—20	" 8 "	20 x 20 x 12½	29½ x 42½	440	**74.25**	Cache
91—20	" 9 "	20 x 20 x 12½	29½ x 42½	445	**75.50**	Cackle
Water Front, extra				25	**6.25**	Attic

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick specified.



Standard with Gas Attachment

No. 34 Gas Attachment can be furnished on the Quality, Standard, Stellar, Agate and Diamond Cast Ranges with the exception of the 81—16 Diamond

Number	Size of Oven	List	Code
34 Gas Extension	10 x 12 x 18	$25.00	Cahoot

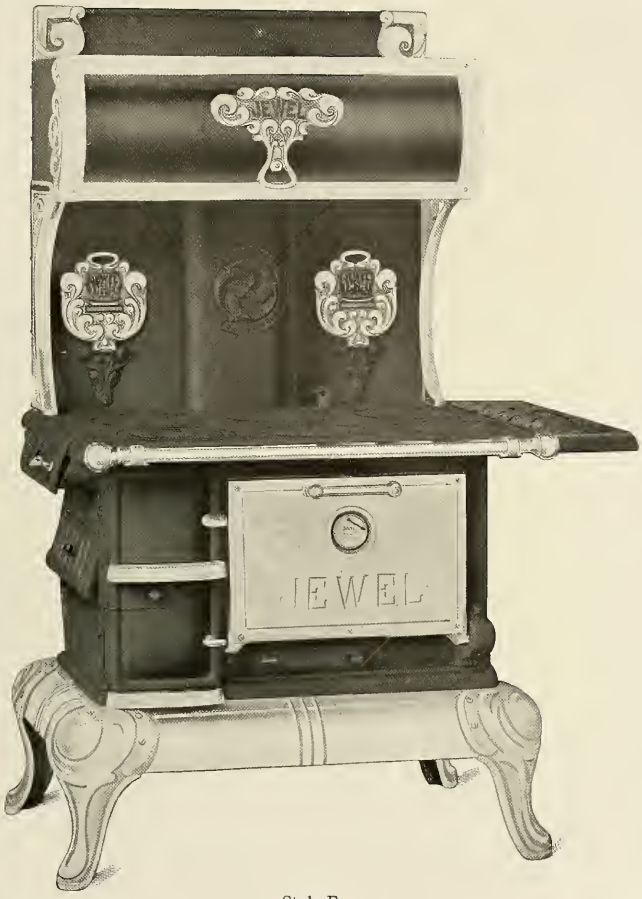
Style F

Standard Jewel Cast Range

With Reservoir, Steel High Closet and Oven Thermometer.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
81—18	Six 8-in.	18 x 19 x 11½	27½ x 44	480	**$83.00**	Cactus
81—20	" 8 "	20 x 20 x 12½	29½ x 46½	540	**88.00**	Caddie
91—20	" 9 "	20 x 20 x 12½	29½ x 46½	545	**89.25**	Caddy

Specify whether Brick or Cast Iron Fire Box Linings are wanted.
Cast Linings shipped unless Brick specified.



Style E

Stellar Jewel Cast Range

Square, with Nickel Oven Door and Nickel Steel Base.
For Hard Coal, Soft Coal or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—18	Six 8-in.	18 x 19 x 11½	27½ x 40½	395	$76.25	Caffa
8—20	" 8 "	20 x 20 x 12½	29½ x 42½	435	81.25	Caffeine
9—20	" 9 "	20 x 20 x 12½	29½ x 42½	440	82.50	Caftan
Water Front extra				25	6.25	Attic

The Stellar Jewel will appeal to the trade desiring a cast range with an abundance of nickel parts. Has large fire box, Duplex Grate and large square oven. All cast parts made of Kemi-Test metal.

Victor Jewel Cast Range

A Full Trimmed, Six Hole Range with Swing Door

For Hard Coal, Soft Coal or Wood.

THE VICTOR JEWEL is a compactly built, handsomely trimmed cast range. The fire box, grates, tops and body are interchangeable with the Columbia Cast Range shown on pages following. As a quick, perfect baker the Victor Jewel equals any range manufactured. Splendid value for the price.

Castings
Made from our exclusive Kemi-Test iron. the toughest, smoothest grained, longest lasting iron ever used by a stove manufacturer. Every melt chemically analyzed and tested to insure uniform quality and strength.

Cut Sectional Top
Made in Sections allowing for expansion and contraction. Any part can be inexpensively replaced. Heavy ribbed covers.

Oval Fire Box
Has no "dead" corners and is of proper length and depth. Sectional cast linings with air space back of flue back. Air holes top and bottom provide heated air which mixing with gases over fire assists in securing perfect combustion, insuring great fuel economy.

Duplex Grates
Of standard Jewel Pattern. Simplest in design. Efficient, economical and durable. One turn of crank or shaker cuts out all cinders and ashes, dumping them in ash pan below. No tracks or frames to warp, crack and necessitate expensive repairs. Grate drops out without removing water front or linings. Reversed makes good grate for wood.

Nearly Square Oven
Is of ample size and will bake perfectly in every part as a result of direct acting sheet flue construction and uniform thickness of castings. Oven top is ribbed pattern; side, top and bottom are set in cup joints filled with asbestos cement insuring perfectly air tight construction.

Oven Rack
Made of steel wire, light, strong, durable. Does not interfere with the heat. Easily kept clean. Cannot be broken.

Oven Door
Swings open and all fitting edges are ground. No cold air can get in oven to chill it and spoil baking. Inside of door aluminized.

Swinging Hearth
Is fitted with sliding draft damper full length of fire box. Ash pit has bailed ash pan of ample size.

Direct Acting Sheet Flue Construction
Of this stove is illustrated and described on page 54. This is the most efficient and desirable flue construction known. Flue clean-out is in front of stove beneath oven door shelf, where it is instantly and easily accessible. No trouble to clean out this range and large sheet flues make frequent cleaning unnecessary.

Direct Draft Damper
Is simple, strong in construction. Cannot get out of order and will not burn out or warp because it is out of reach of flame and heat.

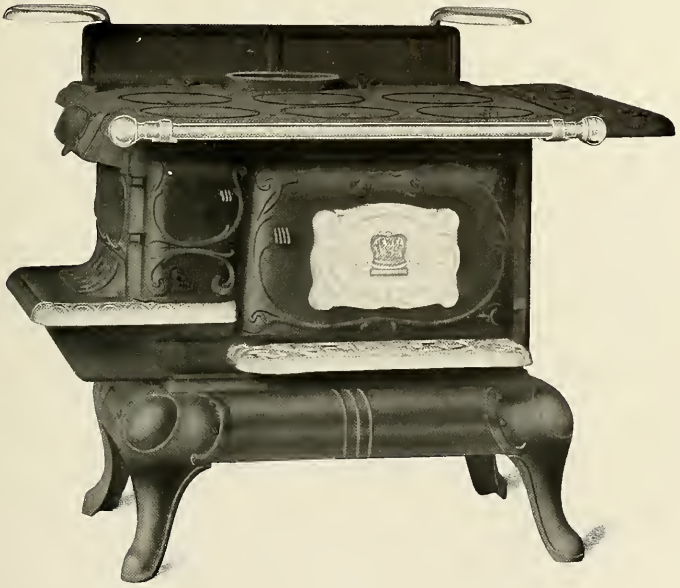
Unbreakable Steel Base
Never breaks in shipping or moving stove. Light, strong, can be quickly and easily polished. Will last a life-time. Heavy cast legs.

Cast Back Guard
With cast corners, and nickeled teapot shelves furnished with each Victor range shipped without high closet.

High Closet
Made of Blue Planished Steel including one Joint Pipe with damper. Rolling door has strong, rigid, nickel handle and nickel bands above and below High Closet door. Closet on Victor in addition to above has nickel ends and two nickel teapot shelves and top backguard with nickel corners.

Large Reservoir or Water Front
Reservoir is enameled inside and of ample size to furnish hot water required. Reservoir damper turns heat to and from reservoir. Top of reservoir is flush with range top. Japanned covers are prettily ornamented in colors. Powerful cast water fronts for heating water in pressure tanks.

Other Points
Combination Pouch and Broiler feed. Outside oven door shelf. Nickeled oven door panel. Nickeled oven door shelf and hearth strip and removable nickeled towel or guard rail. All plates skilfully fitted so that every joint is air tight. No waste of fuel from leaky joints.

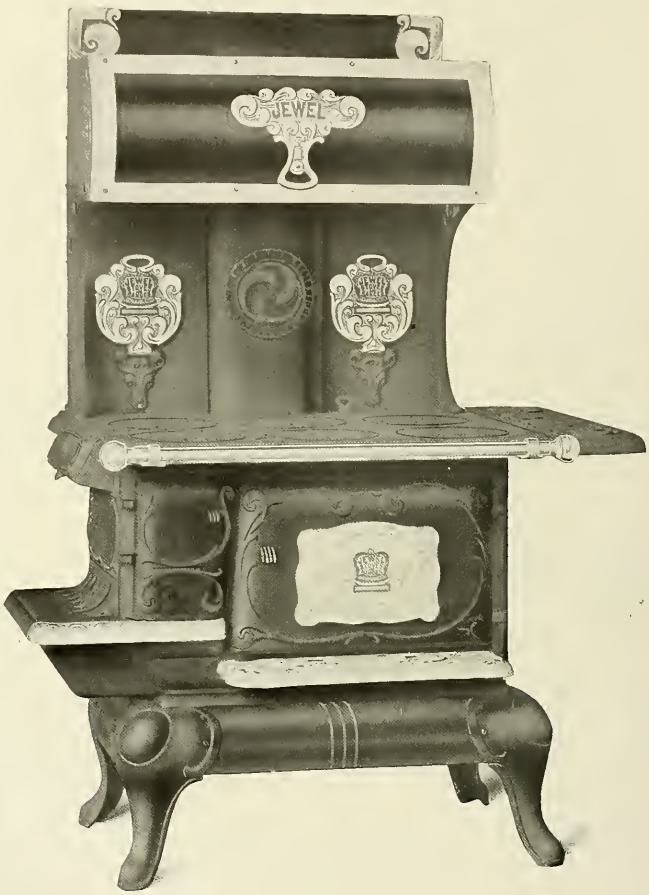


Style A

Victor Jewel Cast Range

Square, with Back Guard, Teapot Shelves and End Shelf.
For Hard Coal, Soft Coal or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Six 8-in.	16 x 18 x 11½	27 x 38½	290	**$42.50**	Cadge
8—18	" 8 "	18 x 18 x 11½	27 x 38½	320	**47.50**	Cadillac
Water Front, extra				20	**6.25**	Attic

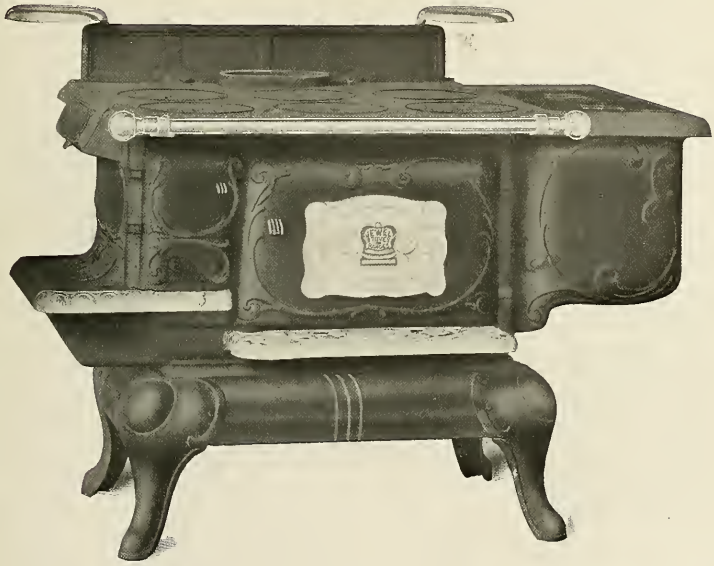


Style E

Victor Jewel Cast Range

Square, with Steel High Closet, Teapot Shelves and End Shelf.
For Hard Coal, Soft Coal or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Six 8-in.	16 x 18 x 11½	27 x 38½	340	**$56.25**	Cadish
8—18	" 8 "	18 x 18 x 11½	27 x 38½	370	**61.25**	Cadus
Water Front, extra				20	**6.25**	Attic

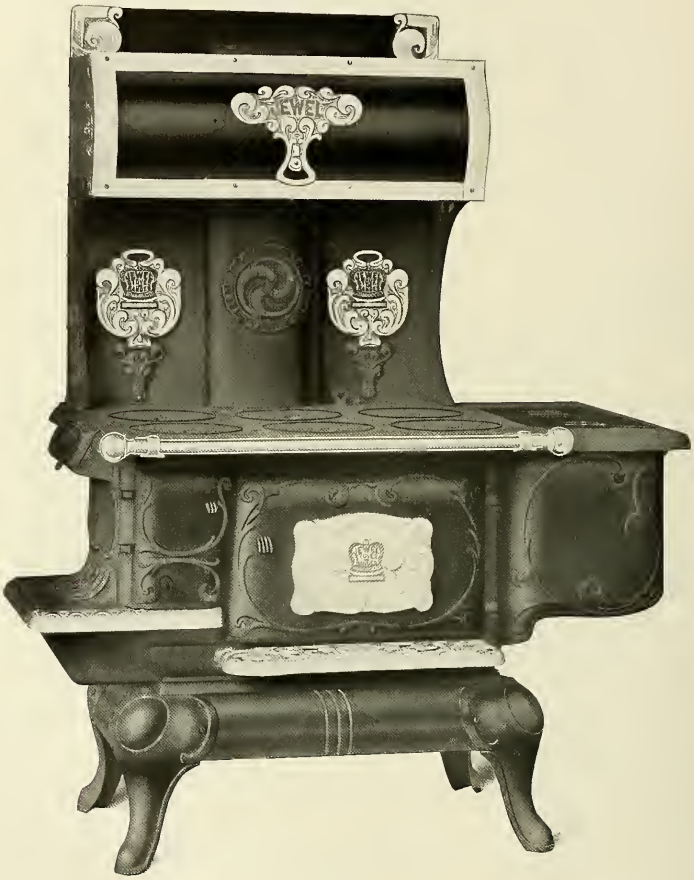


Style B

Victor Jewel Cast Range

With Reservoir, Back Guard and Teapot Shelves.
For Hard Coal, Soft Coal or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 18 x 11½	27 x 43	405	**$60.00**	Cage



Style F

Victor Jewel Cast Range

With Reservoir, Steel High Closet and Teapot Shelves.
For Hard Coal, Soft Coal or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 18 x 11½	27 x 43	450	**$73.75**	Cafe

Columbia Jewel Plain Trimmed Range

For Hard Coal, Soft Coal, or Wood

THE Columbia Jewel Cast Range is a six-hole plain trimmed range representing the Jewel plan of standardization and interchangeability of parts. The fire box, grates, tops and body are interchangeable in the Columbia and Victor.

The Columbia Jewel has been built for the trade desiring a well built, serviceable cast range at moderate cost. It is plainly trimmed but well decorated and an ornament to any kitchen. As a quick and perfect baker it equals any range manufactured. In every respect this Columbia Jewel will prove a trade winner on any merchant's floor. Details follow:

Castings

Are all made from our exclusive Kemi-Test iron, the toughest, smoothest grained, longest lasting iron ever used by a stove manufacturer. Every melt chemically analyzed and tested to insure uniform quality and strength.

Cut Sectional Top

Made in sections allowing for expansion and contraction. Any part can be inexpensively replaced. Heavy ribbed covers.

Oval Fire Box

Has no "dead" corners and is of proper length and depth. Sectional cast linings with air space back of flue back. Air holes top and bottom provide heated air which mixing with gases over fire assists in securing perfect combustion, insuring great fuel economy.

Duplex Grates

Of standard Jewel Pattern. Simplest in design. Efficient, economical and durable. One turn of crank or shaker cuts out all cinders and ashes, dumping them in ash pan below. No tracks or frames to warp, crack and necessitate expensive repairs. Grate drops out without removing water front or linings. Reversed, makes good grate for wood.

Nearly Square Oven

Is of ample size and will bake perfectly in every part as a result of direct acting sheet flue construction and uniform thickness of castings. Oven top is ribbed pattern; side, top and bottom are set in cup joints filled with asbestos cement insuring perfectly air tight construction.

Oven Rack

Made of steel wire, light, strong, durable. Does not interfere with the heat. Easily kept clean. Cannot be broken.

Oven Door

Swings open and all fitting edges are ground. No cold air can get in oven to chill it and spoil baking. Inside of door aluminized.

Swinging Hearth

Is fitted with sliding draft damper full length of fire box. Ash pit has bailed ash pan of ample size.

Direct Acting Sheet Flue Construction

Of this stove is illustrated and described on page 54. This is the most efficient and desirable flue construction known. Flue clean-out is in front of stove beneath oven door shelf, where it is instantly and easily accessible. No trouble to clean out this range and large sheet flues make frequent cleaning unnecessary.

Direct Draft Damper

Is simple, strong in construction. Cannot get out of order and will not burn out or warp because it is out of reach of flames and heat.

Unbreakable Steel Base

Never breaks in shipping or moving stove. Light, strong, can be quickly and easily polished. Will last a lifetime. Heavy cast legs.

High Closet

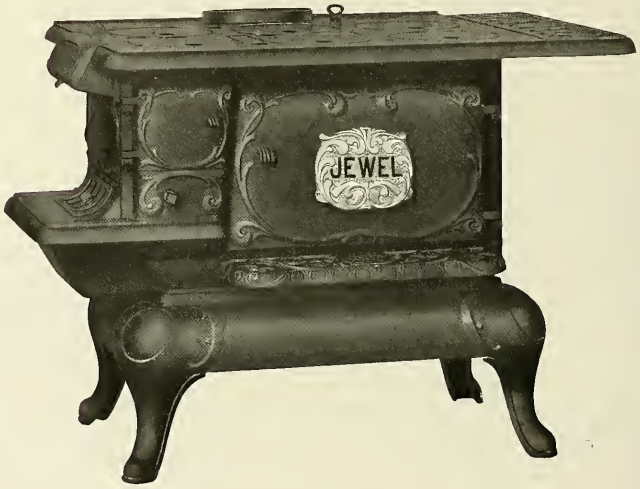
Made of Blue Planished Steel including one Joint Pipe with damper. Rolling door has strong, rigid, nickel handle and nickel bands above and below High Closet door.

Large Reservoir or Water Front

Reservoir is enameled inside and of ample size to furnish hot water required. Reservoir damper turns heat to and from reservoir. Top of reservoir is flush with range top. Japanned covers are prettily ornamented in colors. Powerful cast water fronts for heating water in pressure tanks.

Other Points

Combination Pouch and Broiler feed. Outside oven door shelf. Nickeled oven door panel. All plates skilfully fitted so that every joint is air tight. No waste of fuel from leaky joints.

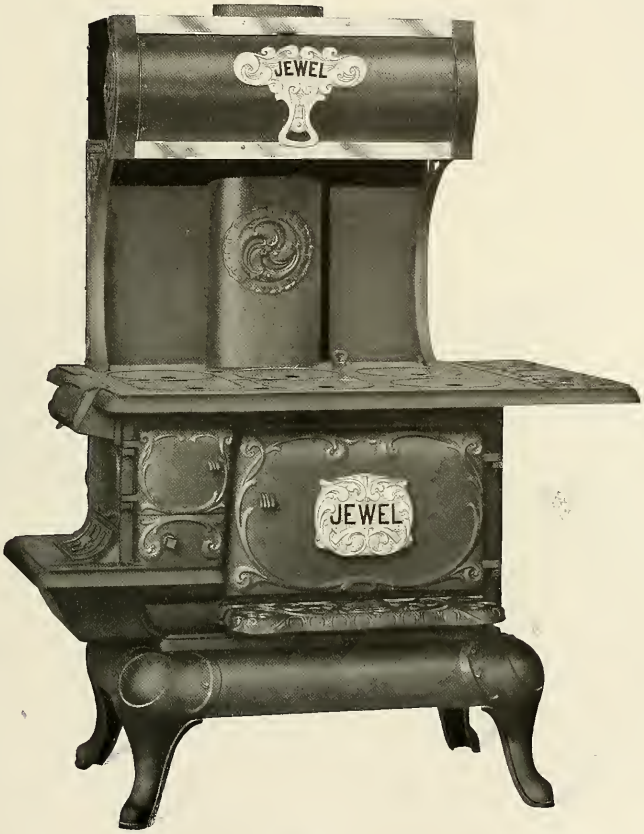


Style A

Columbia Jewel Cast Range

Square with End Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Six 8-in.	16 x 18 x 11½	27 x 38½	285	**$37.50**	Awaiting
8—18	" 8 "	18 x 18 x 11½	27 x 38½	310	**42.50**	Awake
Water Front, extra				20	**6.25**	Attic
Cast Back Guard with Teapot Shelves, extra					**2.50**	Bung



Style E

Columbia Jewel Cast Range

Square with Steel High Closet and End Shelf.
For Hard Coal, Soft Coal, or Wood

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Six 8-in.	16 x 18 x 11½	27 x 38½	330	**$47.50**	Awaken
8—18	" 8 "	18 x 18 x 11½	27 x 38½	355	**52.50**	Awakening
Water Front, extra				20	**6.25**	Attic

Style B

Columbia Jewel Cast Range

With Reservoir.
For Hard Coal, Soft Coal, or Wood.

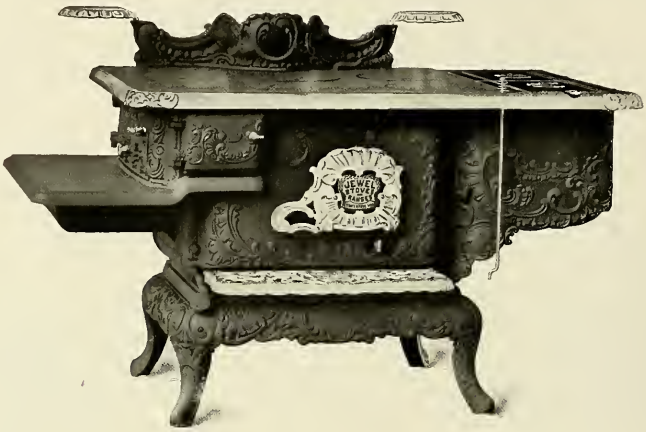
Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 18 x 11½	27 x 43	380	**$55.00**	Award
Cast Back Guard with Teapot Shelves, Extra					**2.50**	Bung

Style F

Columbia Jewel Cast Range

With Reservoir and Steel High Closet.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Six 8-in.	18 x 18 x 11½	28 x 43	420	**$65.00**	Aware



Pacific Jewel Cast Range

With Reservoir, Back Guard and Teapot Shelves.
For Wood only.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
92—24 B	Six 9-in.	24 x 20	29¼ x 49½	470	**$75.00**	Frenzy
Water Coil, extra				15	**7.50**	Scant

Will take 26-in. Wood.

Details: Exceptionally large fire box. Heavy interlocking sectional fire back, very durable. Very durable false fire bottom. Heavy swinging front grate. Oven plates are carefully cast and fitted. Top oven is covered with cement. Oven door is tin lined. Strong cast oven rack. Perfect oven ventilation. Outside oven shelf. Our celebrated sheet flue construction. Flue door is readily accessible. Direct draft vertical damper, with handle out of reach of flames. Large draw hearth, which may be dropped over the edge, leaving it suspended by lugs. Extra large bailed ash pan. Extra heavy JEWEL covers, one made in reducing ring sections, extra heavy centers, cut long center. Top plate is cast in sections, to prevent cracking. All bolts and rods are protected from contact with the fire, by being placed outside of the stove. Large white enameled reservoir, flush with top of range. Reservoir cover Japanned and ornamented in colors. Flue shifting reservoir damper. Two swinging teapot shelves. Very convenient and attractive high shelf. Powerful water coil when specially ordered.

Nickeled Trimmings

Oven door panel. Outside oven shelf. Teapot shelves. Towel rod. Burnished steel edge band and ornamental cast corners on top plate.

Jewel Steel Cooking Stoves

Alamo Jewel — Four Holes
Jewel Camp Cook — Four Holes

For Soft Coal, Hard Coal or Wood.

THE ALAMO embodies the same high quality material and workmanship as all other Jewel stoves and is very attractively priced. It will give the best of satisfaction. Steel ovens are heated quickly with very little fuel.

Body. Made of Wood's Refined Black Steel. Riveted by hand the same as a Jewel steel range. Norway iron rivets are used and driven cold; this insures durability.

Oven is large and square. Protected on top by cast plates. Quick and perfect baker.

Oven Door is spring balanced so that it opens easily and does not drop with a jar—but quietly and easily. When opened it affords a convenient shelf flush with the oven bottom.

Wire Oven Racks are light, durable, easily cleaned, and do not retard the heat.

Top Plate is cast in sections to prevent cracking or warping. Any part can be replaced at small expense should it ever become necessary.

Fire Box is of correct shape and size and is lined with cast iron linings of right weight to insure long use.

Grate is of the shaking and dumping pattern.

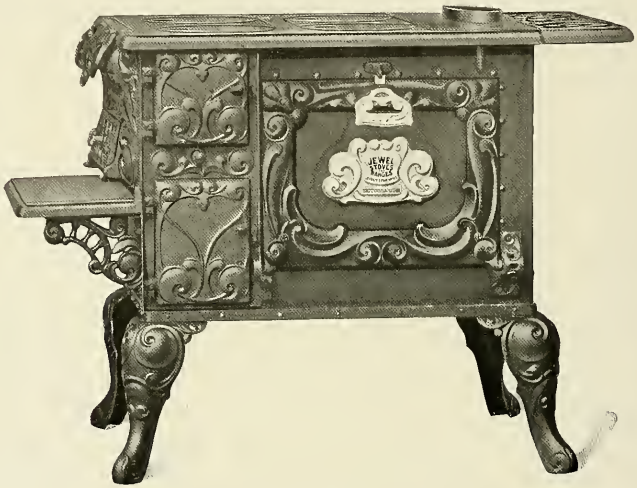
Reservoir is made of copper. Heated by contact. Has ornamented japanned cast iron covers resting on cast iron frame.

Other Points. Wood Fire Door. Ash Pit Door. Bailed Ash Pan. Combination Pouch and Boiler Feed. Grate Door. Cast Iron Legs neatly carved. Strong End Shelf on square stoves.

Jewel Camp Cook

A small sized steel cook designed for use in camps, sheep wagons, in tents for Mining, Military, Fishing, Tourist, Yachting, etc. It is well made, a perfect baker, and for the uses intended will give the best of satisfaction. Legs are part of stove and provision is made for swinging legs to floor for boat and wagon use.

See description under illustration of stove on page 102.



Style A

Alamo Jewel Steel Cook

Square with End Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Four 8-in.	16 x 19 x 12	22¼ x 35¾	190	**$28.75**	Rational
8—18	" 8 "	18 x 19 x 12	23½ x 38	200	**32.50**	Raven
9—18	" 9 "	18 x 19 x 12	23¼ x 38¼	210	**33.75**	Ray
Water Front, any size, extra				20	**6.25**	Rareness

Will take 19-in. wood.

Style B

Alamo Jewel Steel Cook

With Copper Contact Reservoir.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—16	Four 8-in.	16 x 19 x 12	22¼ x 38½	220	**$36.25**	Razure
8—18	" 8 "	18 x 19 x 12	23¼ x 41¼	230	**40.00**	Reacher
9—18	" 9 "	18 x 19 x 12	23¼ x 41½	235	**41.25**	Reachable

Will take 19-in. wood.

Style A

Jewel Camp Cook

For Wood, Hard Coal, or Soft Coal.

Number	Holes	Size of Oven	Top Surface	Weight	List	Code
7—12	Four 7-in.	12 x 17 x 10	20¼ x 25¼	125	**$20.00**	Reachless

Fire Box takes 17-in. wood.

Body of Wood's Refined Smooth Black Steel. Door frame and handle, hinged fire box, end door and frame, ash box end, and flue cleaning door of cast iron. Drop end poker door, with draft slide full length of fire box, gives easy access to full length of grate with poker. Ventilated cast iron fire box linings, end lining removable for wood. Heavy cast top plate. Shaking and dumping grate.

Jewel Cast Cook Stoves

Three Distinct Lines for Coal

Four Distinct Lines for Wood

THERE are three reasons why Jewel Cook Stoves are good sellers. First, the unusually attractive designs. Second, the high quality of the castings, which results in remarkable durability. Third, the special care used on mounting and fitting, which insures great fuel economy and perfect service in baking and cooking. And most every dealer knows that we have the biggest assortment at right prices.

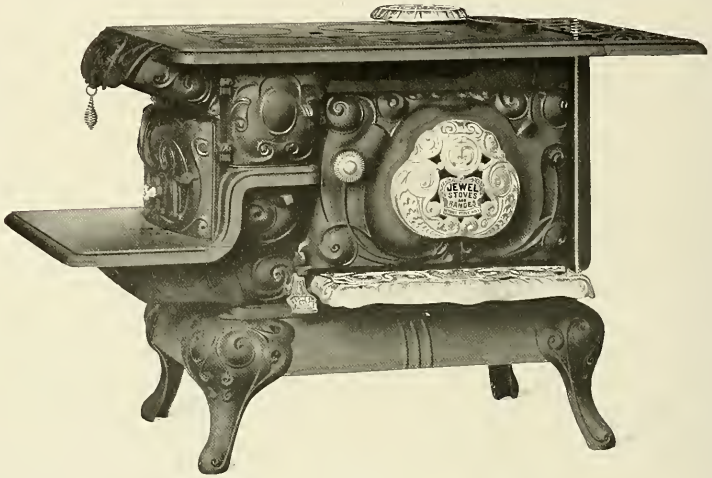
Do you realize that all the IRON used in making the castings for Jewel Stoves is chemically analyzed and tested to insure smooth, tough, durable castings entirely free from the defects and imperfections usually found in stove plates? These systematic and analytical tests are distinctly different and far in advance of the "rule of thumb" methods followed in most stove foundries. They insure a uniform quality to our product and satisfactory service from every casting that bears the name Jewel.

Just a few words about the tests. First, there is the Chemical Test. Samples of iron are taken from all shipments received, and analyzed. Unless they come up to the standard—containing the correct proportions of all the various elements required — the entire shipment is rejected. So well is this known among shippers of pig iron that they are very careful as to the quality of iron shipped us.

After the Chemical Test has been made and the mixture exactly determined bars of iron 12 inches long and one inch square are taken from the melt and subjected to a Breaking Strain, averaging 2,500 pounds to the square inch. This is to determine tensile strength and is a very severe test. That all the iron used in Jewel Stoves and Furnaces must stand these Tests explains the wonderful durability of Jewel Stoves.

The castings brought from the foundry are all cleaned and inspected. All fitting faces are then carefully ground so that every part fits tightly in place when assembled. There are no large open joints—and but very little stove putty is required to make every joint air-tight—thus users of Jewel Stoves never have trouble with stove putty drying up, falling out and leaving joints exposed to the air—a common complaint with some constructions.

Did you ever examine a Jewel Stove closely and compare it with ordinary stoves? If you did you were impressed with the smoothness of the castings, the beauty of the design, the perfect fitting of every part. That is a guarantee that goes with every Jewel Stove.



Style A

Harvest Jewel Cook

Square, with End Shelf and Teapot Shelf.
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
82—16	Four 8-in.	16 x 17 x 11½	23¼ x 36¼	280	**$40.00**	Weed
82—18	" 8 "	18 x 19 x 11½	25 x 38½	325	**45.00**	Weighty
82—20	" 8 "	20 x 21 x 13½	27¼ x 40	355	**50.00**	Weird
92—20	" 9 "	20 x 21 x 13½	27¼ x 40¼	360	**51.25**	Weld

Details of Construction

Handsome modeling. Strong steel base. Heavy covers. Heavy cut long centers. Thick short centers. Heavy fire back. JEWEL duplex fire grate, which when reversed, makes a good wood fire bottom. Oval end fire box. Durable fire box linings. Roomy bailed ash pan. Combination broiler and hopper feed door. Flush draw hearth. Swinging front door, with draft slide. "Kicker," for automatically opening the oven door with the foot. Outside oven shelf.

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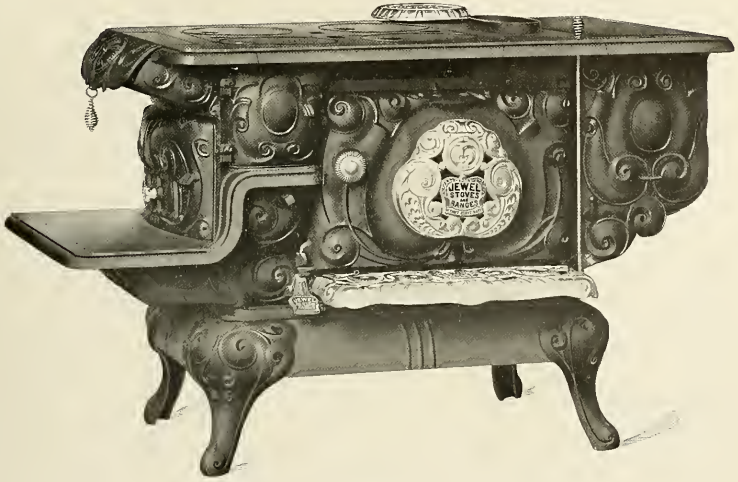


Style B

Harvest Jewel Cook

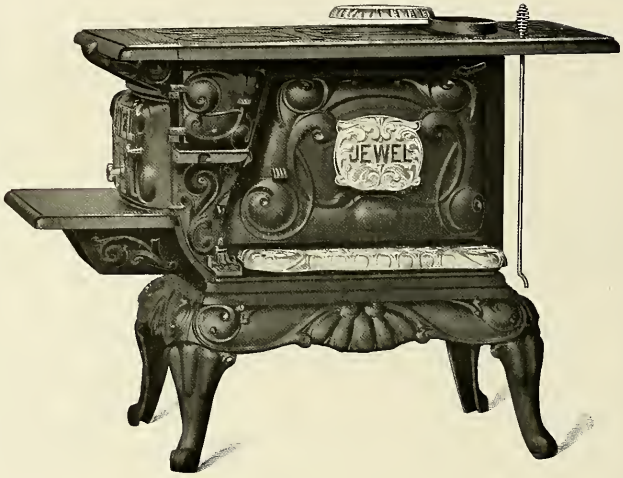
With Reservoir and Teapot Shelf
For Hard Coal, Soft Coal, or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
82—16	Four 8-in.	16 x 17 x 11½	23¼ x 40	350	**$54.00**	Welsh
82—18	" 8 "	18 x 19 x 12½	25 x 42	375	**59.00**	Welter
82—20	" 8 "	20 x 21 x 13½	27¼ x 44	415	**64.00**	Westerly
92—20	" 9 "	20 x 21 x 13½	27¼ x 44½	420	**65.25**	Whack

Details—Continued from preceding page

Towel rod. End shelf on square stove. White enameled cast reservoir flush with top of the stove. Cover Japanned and ornamented in colors. Reservoir damper. Large oven. Steel wire oven rack, light and easily kept clean. Cemented top oven plate. Aluminized oven doors. Top plate cast in sections to prevent cracking. Swinging teapot shelf.

Nickeled oven door panels and Alaska Knob. Oven door shelf. Teapot shelf. Towel rod.



Style A

Electric Jewel Cook

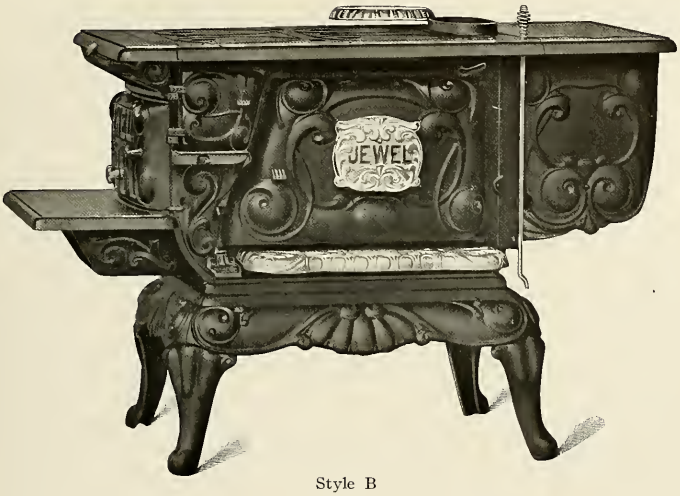
Square with Base, End Shelf and Teapot Shelf.
For Coal or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Four 8-in.	16 x 17 x 9	21½ x 31½	195	**$30.00**	Whalebone
8—18	" 8 "	18 x 19 x 11	23½ x 34	255	**33.75**	Whapper
8—20	" 8 "	20 x 21 x 12	25½ x 37¼	290	**38.75**	Wheat
9—20	" 9 "	20 x 21 x 12	25½ x 37½	295	**40.00**	Wheedle

Details of Construction

An attractive cast cook with ornamental carvings and smooth castings. Full size nearly square oven. Heavy wire oven rack. Outside reversible nickeled shelf. Well proportioned fire box; heavy fire box castings; shaking and dumping grate. Grate door. Large feed door Draw hearth. Bailed ash pan. Pouch feed opening. Top plate cast in sections to prevent

(Continued on following page)



Style B

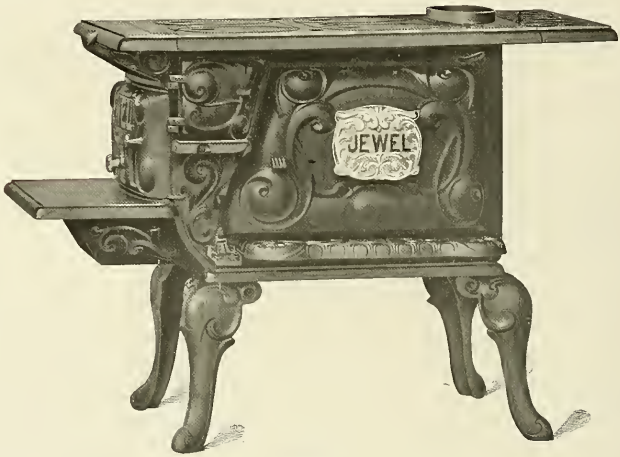
Electric Jewel Cook

With Reservoir, Base and Teapot Shelf.
For Coal or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Four 8-in.	18 x 19 x 11	23½ x 39½	310	**$46.25**	Wheelwright
8—20	" 8 "	20 x 21 x 12	25½ x 42¼	345	**51.25**	Wheeze
9—20	" 9 "	20 x 21 x 12	25½ x 42½	350	**52.50**	Whelm

Details of Construction—Concluded

cracking. All rods on outside of stove. "Kicker" for automatically opening oven door with foot. Aluminized oven doors with nickel panel on front door. Nickel towel rod and teapot shelf. Heavy cast base; neatly modeled legs. Square stoves have end shelves. Reservoir styles have large white enameled encased reservoirs and reservoir damper.



Style A

Eureka Jewel Cook

Square with End Shelf.
For Coal or Wood.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Four 8-in.	16 x 17 x 9	21½ x 31½	175	**$26.25**	Whetstone
8—18	" 8 "	18 x 19 x 11	23½ x 33½	240	**30.00**	Whey
8—20	" 8 "	20 x 21 x 12	25½ x 37¼	275	**35.00**	Whiff
9—20	" 9 "	20 x 21 x 12	25½ x 37½	285	**36.25**	Whig

Details of Construction

A well constructed cook with neatly modeled, smooth castings. Oven of good size with all plates made from cast iron. Strong wire oven rack provided. Fire box well proportioned and lined with durable heavy castings. Shaking and dumping grate. End castings easily removed for burning wood. Draw hearth. Bailed ash pan. Pouch feed door. Rods protected from fire

(Continued on following page)

Style B

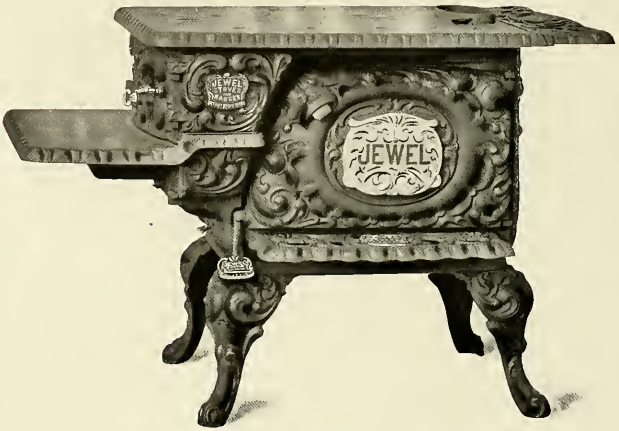
Eureka Jewel Cook

With Reservoir.
For Coal or Wood.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Four 8-in.	18 x 19 x 11	23½ x 39½	280	**$42.50**	Whim
8—20	" 8 "	20 x 21 x 12	25½ x 42½	335	**47.50**	Whimper
9—20	" 9 "	20 x 21 x 12	25½ x 42½	340	**48.75**	Whimsical

Details of Construction—Concluded

by being placed outside of stove. Top plates cast in sections to prevent cracking. Outside reversible oven shelf. "Kicker" for automatically opening the oven door with the foot; aluminized oven doors with nickel panel on front door. End shelf on square stoves. Reservoir styles have white enameled encased cast reservoir and reservoir damper.



Style A

Rural Jewel Cook

Square, with End Shelf, and Side Extension Shelf.
For Wood Only.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Four 8-in.	16 x 17 x 10½	22¼ x 31½	220	**$28.75**	Hurrah
8—18	" 8 "	18 x 19 x 11½	23¼ x 33½	285	**34.25**	Hurry
8—20	" 8 "	20 x 21 x 12½	25¼ x 35½	310	**39.25**	Hurtling

Length of wood taken, 8-16, 19-in.; 8-18, 22 in.; 8-20, 24 in.

Attractive modeling. Clean, light, unbreakable steel wire oven rack. Cemented top oven plate. Large fire box; durable fire bottom. Strong, swinging front grate. Top plate cast in sections, to prevent cracking. Reversible outside oven shelf. End shelf on square stove, which

(Continued on following page)

Style B

Rural Jewel Cook

With Reservoir.
For Wood Only.

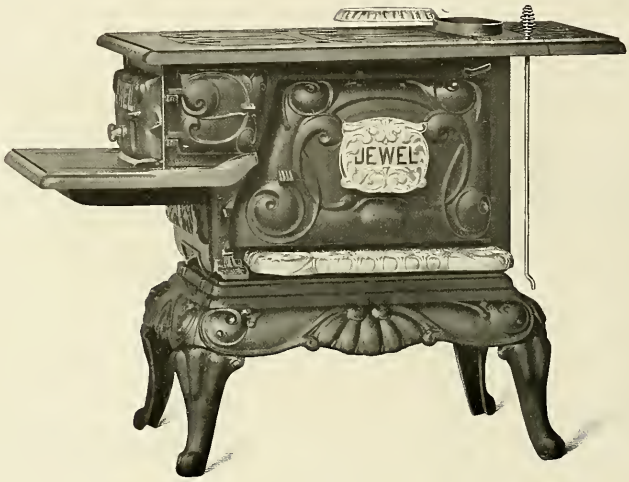
Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Four 8-in.	18 x 19 x 11½	23¼ x 39½	350	**$48.25**	Hussar
8—20	" 8 "	20 x 21 x 12½	25½ x 42½	385	**53.25**	Hut

Length of wood taken, 8-18, 22 in.; 8-20, 24 in.

Details—Continued from preceding page.

can be used as a side extension shelf, if desired. Oven doors have nickeled panel and are aluminized inside. Rods protected from the flames by being placed outside the stove. Flush draw hearth. Heavy covers and centers. Cut long center. Vertical damper. "Kicker," for automatically opening the oven door with the foot. Flue shifting reservoir damper.

The elaborate carving, length of fire box and durability of this stove make the Rural Jewel a great favorite throughout sections where wood is used.



Style A

Walnut Jewel Cook

Square, with Base, End Shelf, and Teapot Shelf.
For Wood Only.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Four 8-in.	16 x 15½ x 10	23½ x 30½	190	**$27.50**	Whisk
8—18	" 8 "	18 x 17½ x 11	23½ x 32½	230	**31.25**	Whist
8—20	" 8 "	20 x 19½ x 12	25½ x 34½	270	**36.25**	Whistle
9—20	" 9 "	20 x 19½ x 12	25½ x 34½	275	**37.50**	Whiteness

Length of wood taken, No. 8-16, 19 in.; 8-18, 20 in.; 8-20 and 9-20, 22 in.

Details

A new medium priced cook, made from smooth castings. Has a well shaped oven; wire oven rack; aluminized oven doors; nickeled oven door panel on front door. Heavy fire back and wood bottom. Swinging hearth. Top plate cut to prevent cracking. Nickeled outside oven

(Continued on following page)

Style B

Walnut Jewel Cook

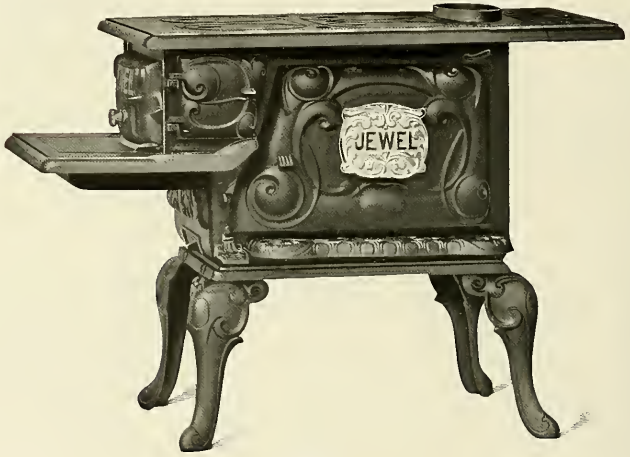
With Reservoir, Base, and Teapot Shelf.
For Wood Only.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Four 8-in.	18 x 17½ x 11	23½ x 36¼	295	**$43.75**	Whiting
8—20	" 8 "	20 x 19½ x 12	25½ x 38¼	335	**48.75**	Whittle
9—20	" 9 "	20 x 19½ x 12	25½ x 38¼	340	**50.00**	Whiz

Length of wood taken, No. 8-18, 20 in.; 8-20 and 9-20, 22 in.

Details—Continued from preceding page

shelf. Style A has an end shelf, and style B a cast iron encased enameled reservoir, with top flush with top of the stove, and cover Japanned and ornamented in colors; reservoir damper. Rods protected from the flames by being placed outside the stove. "Kicker," for automatically opening the oven door with the foot. Nickeled towel rod and teapot shelf. Handsomely carved leg base.



Style A

Willow Jewel Cook

Square, with End Shelf and Oven Shelf.
For Wood Only.

Number	Holes	Size of Oven	Top with Shelf	Weight	List	Code
8—16	Four 8-in.	16 x 15½ x 10	22½ x 30½	160	**$23.75**	Cudgel
8—18	" 8 "	18 x 17½ x 11	23½ x 32½	220	**27.50**	Cuisine
8—20	" 8 "	20 x 19½ x 12	25½ x 34½	250	**32.50**	Culinary
9—20	" 9 "	20 x 19½ x 12	25½ x 34½	260	**33.75**	Culling

Details

An improved low priced cook, made from smooth castings. Has a well shaped oven; wide oven rack; aluminized oven doors. Heavy fire back and wood bottom. Swinging hearth. Top plate cast in sections, to prevent cracking. Outside oven shelf. Style A has an end shelf, and

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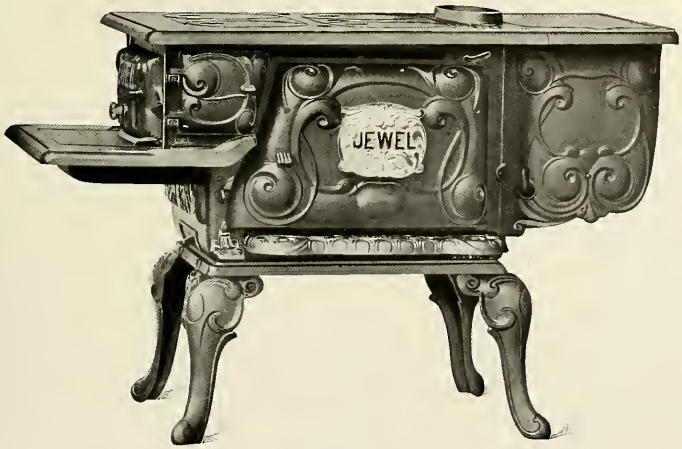


Style B

Willow Jewel Cook

With Reservoir.
For Wood Only.

Number	Holes	Size of Oven	Top with Reservoir	Weight	List	Code
8—18	Four 8-in.	18 x 17 ½ x 11	23½ x 37½	275	**$40.00**	Whoop
8—20	" 8 "	20 x 19 ½ x 12	25½ x 40½	320	**45.00**	Wholly
9—20	" 9 "	20 x 19 ½ x 12	25½ x 40½	325	**46.25**	Whortle

Length of wood taken, No. 8-18, 20 in.; 8-20 and 9-20, 22 in.

Details—Continued from preceding page.

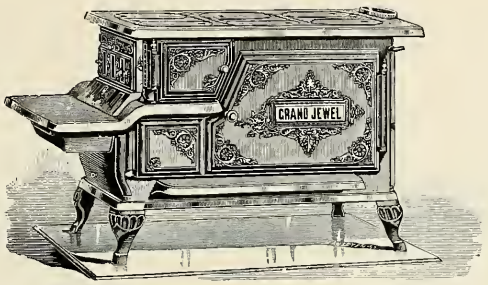
Style B a cast iron reservoir, with top flush with top of the stove, and cover Japanned and ornamented in colors. Reservoir damper. Rods protected from the flames by being placed outside the stove. "Kicker," for automatically opening the oven door with the foot. Nickeled panel on front door.

Lotus Jewel

Square.
For Wood Only.

Number	Holes	Size of Oven	Top Surface	Weight	List	Code
7—14	Four 7-in.	14 x 14	16 x 19	105	**$12.50**	Coagulate
7—15	" 7 "	15 x 15	17 x 20	135	**13.75**	Coadjutor
7—16	" 7 "	17 x 17	19 x 22½	145	**17.50**	Wholesome
8—16	" 8 "	17 x 17	19 x 22½	145	**17.50**	Whet

A well made, very low priced cook. Smooth castings. Wire oven rack. Heavy fire back and wood bottom. Vertical damper. Swinging hearth. The No. 7-15 has the regular two oven door construction, with cast oven plates. The No. 7-14 has one oven door only, and the oven is made of STEEL PLATE, which will heat quickly and not crack. This construction on a small wood cook reduces the cost and weight of the stove and gives JEWEL customers a specialty, besides lessening the freight charges. High priced steel ranges are made with only one door and steel ovens.



Style A

Square. **Grand Jewel** For Wood or Coal

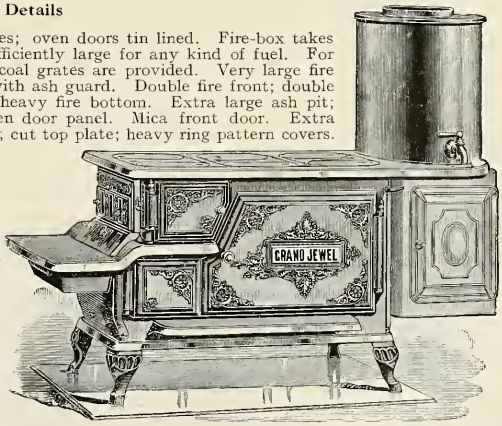
Number	Holes	Weight	List	Code
10A	For Wood, Six 10-in.	510	**$78.75**	Havoc
Coal Fixtures, extra		32	**7.50**	Hawk

Details

Large oven, 37 x 25 x 16 inches; oven doors tin lined. Fire-box takes 28-inch wood. The flues are sufficiently large for any kind of fuel. For burning coal, heavy linings and coal grates are provided. Very large fire chamber. Very large fire door with ash guard. Double fire front; double interlocking sectional fire back; heavy fire bottom. Extra large ash pit; flush slide hearth. Nickeled oven door panel. Mica front door. Extra thick long center and cut centers; cut top plate; heavy ring pattern covers. Cemented oven top. Outside stationary oven shelf. "Kicker," for automatically opening the oven door with the foot (not shown on illustrations). Reservoir is made of 18-ounce planished copper, and has a brass faucet. This stove is especially intended for use in hotels, boarding houses, lumber camps, etc.

Style B is here illustrated with the extra fixtures, namely, reservoir and tin warming closet.

9-in. covers with 10 to 9 reducing ring furnished in place of one or more 10-in. covers, without extra charge, when so requested.



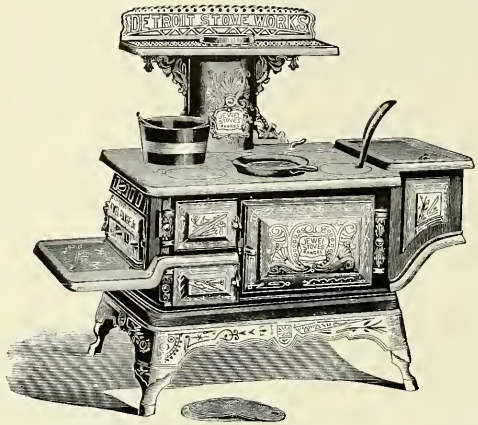
Style B

Extension Top. **Grand Jewel** For Wood or Coal.

Number	Holes	Weight	List	Code
10B	For Wood, Six 10-in. (price includes reservoir cover only)	545	**$84.00**	Hawser
20-gallon Copper Reservoir, extra		40	**31.50**	Hawthorn
Tin Warming Closet, extra		31	**15.75**	Hay
Coal Fixtures, extra		32	**7.50**	Hawk

Jewel Range, Jr.

Used as a Toy or as an Advertisement.

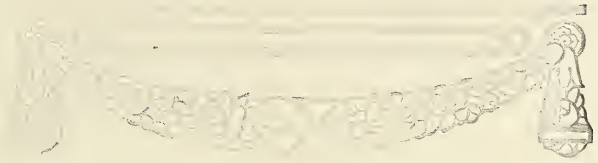


THE Jewel Range, Jr., is a toy range—the best of its class. In size, the body of this range is about 8 x 12 inches. It is modeled after a full sized range, and is complete in all its working parts. It has nickeled door panels and edges, a nickeled leg base, and an ornamental shelf.

Each Jewel Range, Jr., is packed in a separate box together with a kettle, a spider, and a cake griddle. As an advertisement, placed in a show window, it will soon pay for itself. It is one of the best stove ads ever devised.

		Weight	List	Code
A Jr.	Square Top	43	**$13.75**	Health
K Jr.	With Reservoir and High Shelf	46	**16.75**	Healthful

JEWEL
BASE BURNERS



Efficiency of Jewel Base Burners

The Reasons Explained Why They Have a Greater Heating Capacity and are More Efficient than any Others Made

IT may prove confusing to many merchants when they weigh the claims made by manufacturers of base burners and find a large majority claim to have the greatest heating proposition made. Many of them state they have the greatest stove proposition on earth simply because of some freak construction — an odd shaped firepot, extra flue or something of that sort. The experienced merchant knows however, that the base burner built on common sense principles by practical men and tested for years by thousands of users is the kind it pays him to tie to.

The above cut shows actual temperature by test at various points of a Jewel Base Burner. This test was made with stove burning at moderate heat. Please note the temperature at top of Triangular Double Heating Flue registers over 250 degrees.

To those merchants who are not acquainted with Jewel Base Burners, their greater heating capacity, fuel economy and durability may mean no more than the claims other manufacturers make. When we prove, however, by actual test that Jewel Base Burners do really give more heat for the amount of coal consumed than those of any other construction our statements should at least bear careful investigation, and it will well pay any merchant to carefully study the two sectional views shown on these pages.

Actual Test Made with Jewel Double Heater Base Burner

In order to avoid any doubt as to the wonderful heating capacity of the Jewel base burner, an actual test was made with this stove in operation, and, in order to make this test absolutely accurate, the finest thermometer that could be purchased was used.

The illustration shows the extraordinary results of this test. It demonstrated that the Jewel Base Burner with a warm air circulating double heater gives better results and gives off more heat than any other base burner that has been placed to such a severe test.

The most remarkable result brought out by this test was the fact that the air next to the floor at 65 degrees was taken up through the warm air circulating double heater and came out at the top at 250 degrees. The warm air at this high temperature is kept in circulation, which makes it the purest and best heat known.

While this warm air circulating double heater adds about forty per cent heating capacity to the stove, yet it does not decrease the powerful radiation of heat from all parts of the base burner.

THREE of the most essential advantages and features to be considered about a base burner are as follows:

1st. A high grade construction.

2nd. To force as much heat around the base as possible, because the cold air is next to the floor.

3rd. Circulation of heat, which is taken care of by the warm air circulating double heater on our base burner. This double heater not only adds to the heating capacity, but purifies the air by keeping it in circulation, also giving uniform heat.

Heating capacity depends upon three things — grate area, flue construction and effective radiating surface. Jewel Base Burners are so designed that they have a larger and more effective area of radiating surface in proportion to size of firepot than any other make. This is accomplished by means of our two-flue plan of construction and our Triangular Double-Heating Flue Construction.

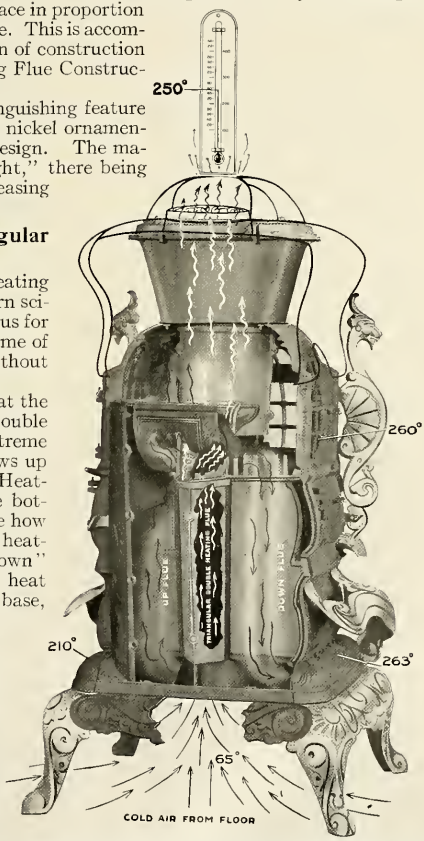
Elaborate nickel work is a distinguishing feature of Jewel Base Burners. The Jewel nickel ornamentation is simple and beautiful in design. The majority of the nickel work is "bright," there being just enough carving to make a pleasing contrast.

The Wonderful Jewel Triangular Double Heater

The Jewel Triangular Double Heating Flue is the result of applying modern scientific analysis and mechanical genius for the purpose of getting a larger volume of heat from a given size firepot without any increase in fuel consumption.

Look at the illustration, note that the wide mouth of the Triangular Double Heating Flue is placed at the extreme bottom of stove. Follow the arrows up and see how the Triangular Double Heating Flue extends from the extreme bottom right up to the top of stove, see how it is entirely surrounded by direct heating surfaces. On one side is the "down" flue through which the smoke and heat are carried down and around the base, on the other side is the "up" flue through which the smoke passes before entering the chimney flue. Notice how the Triangular Flue is placed between these two intensely hot passages. Unlike any other construction, there are no dead surfaces at any point. The apex of the Triangle is the only point which comes in contact with the outside.

We make the flue "Triangular" in shape for three reasons: First, because it eliminates dead surfaces; second, because it gives the greatest possible area of radiating surface; and third, because it gives freer circulation of air than any other shape.



Above cut shows temperature by actual test of back points of Jewel Base Burner. Note how Triangular Double Heating Flue carries cold air from floor, heats it while passing upward and expels it heated to a temperature of over 250 degrees. The above is from careful test while stove was moderately burning.

Features that are Common to all Jewel Base Burners

Castings

Jewel Kemi-test metal is used exclusively in making the castings for Jewel Base Burners. This metal is chemically analyzed and tested to insure uniform quality, strength and durability. It outlasts any other stove plate mixture known.

Duplex Grate and Shaking Ring

The Duplex grate and shaking ring have been generally adopted by the manufacturers of first class base burners. The Duplex grate has proved its superiority to any other kind of grate and is the most effective, economical and easiest operating grate of its class.

Fire Pots

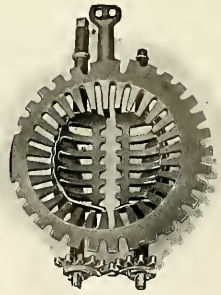
are large size and are made of sufficient weight to withstand the heat of the fiercest fire and give satisfactory service. Fire pots are designed to be easily removed by simply removing the fire pot ring.

Ash Pits

of Jewel Base Burners are of sufficient height, depth and width to admit a large sized ash pan and there is sufficient space between top of ash pan and bottom of grate to insure the proper amount of air for even burning of the fuel.

Ash Pans

All Jewel Base Burners have large bailed ash pan with handle.



The Famous Jewel Duplex Grate

Showing Easy Removal of Fire Pot as used in the Ideal, Crown, Emerald and Magic Jewels

Screw Draft Regulator

We have adopted the screw draft regulator in ash pit door throughout the entire line of Jewel Base Burners. Particular attention is paid to the careful grinding and fitting of screw draft faces so that when closed they are air tight.

Automatic Gas Cover

This is designed to fit tightly over the magazine and underneath the swing cover. It is automatic in that it rises and falls with the opening and closing of swing cover on all Jewel Base Burners.

Reflector Top

It will be noticed that all Jewel Base Burners have handsome reflector tops. This is the most effective and by far the handsomest style top ever designed for Base Burners.

Base Flues

Are designed to give maximum radiating surface near the floor. The center of the flue bottom is convex. This forces the heat to come in contact with the outside of the base, converting it into a very effective radiating surface.

Ideal Jewel Base Burner

The Most Widely Sold Base Burner in the World. The Highest Grade Double Heating Base Burner Manufactured.

For Hard Coal.

THE supremacy of the Ideal Jewel Base Burner is based on two indisputable facts. It is the handsomest base burner made and the greatest heater. Its appearance speaks for itself. Its heating capacity is a result of the Jewel scientific Two Flue Plan and Triangular Double Heating Flue Construction, the advantages of which are clearly illustrated and explained on page 121. Conservatively speaking these vital features give Jewel Base Burners at least one-third more heating capacity than ordinary base burners. Purchasers seek attractive appearance and great heating capacity. They find both at their best in the Ideal Jewel.

Double Heating Flue
is triangular in shape and because of this fact and its location between up and down flues, has greater heating capacity than any other style of Double Heating Flue construction. Does not retard the circulation of the heat currents, nor does the apex of the flue make a "DEAD" point of the center of the back of the stove as others do. Its efficiency is also increased by carrying it well over the fire pot where it receives the full value of the heat.

Hot Air Circulating Flue
connects with a pipe collar at the top, providing a powerful heating attachment for heating rooms on upper floor. A damper is provided for cutting off the heat from the upper rooms and throwing it all into the lower room.

Duplex Grate and Shaking Ring
Duplex grate cuts the clinkers and dead ashes from the fire and one turn of the crank dumps them into the ash pan without crushing the clinkers or using a poker. Shaking ring clears the ashes from the outer edge of fire pot.

Ash Pit
is large and roomy. Has removable, bailed ash pan.

Self-Feeding Magazine
holds sufficient fuel for the day's burning.

Automatic Inner Magazine Cover
rises and falls with the swing of the top. Fits tightly under nickeled top, affording a double preventive against escaping gas, and also protecting the nickel from tarnishing.
Roomy tea kettle attachment, and one piece, gas tight, cast elbow with each Ideal Jewel.

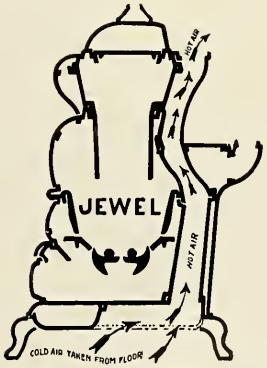
Extra Heavy One Piece Fire Pots
are properly proportioned to obtain the best results with the minimum of fuel. Can be easily removed by unscrewing the two bolts which hold the front cast ring in place.

Fire Pot May be Revolved
which makes it possible to relieve the part subjected to the strongest fire at will, hence great durability is assured.

Screw Draft Damper
in ash pit door, direct draft damper back of fire pot and check damper insure easy and positive control of the fire.

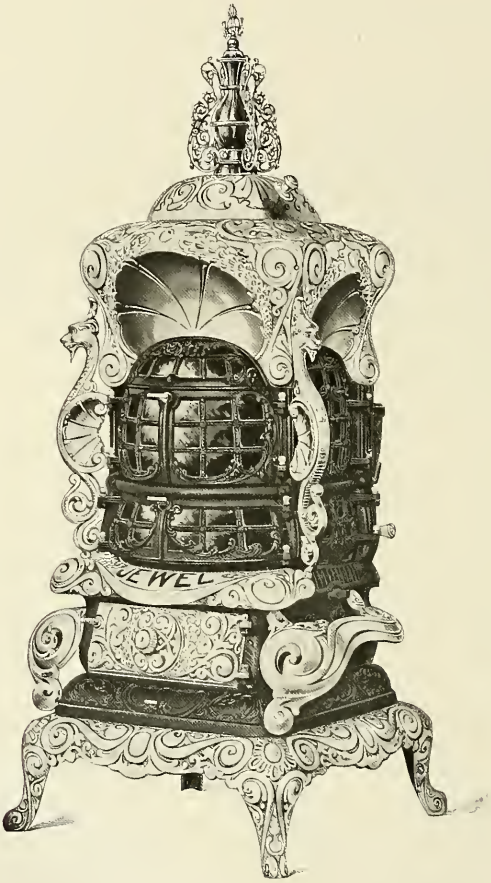
Nickeled Trimmings
are all easily removed from the stove. Reflector heads, with large amount of bright surface, and all nickel well protected from tarnishing.

With Oven
No. 315 is also made with a roomy cast oven, 17x11x11 in., with cast swinging door, tin lined, cast oven slide, two eight inch lids on top, two swinging teapot shelves, and damper.



Sectional View Showing the Plan of the Jewel Double Heating Flue

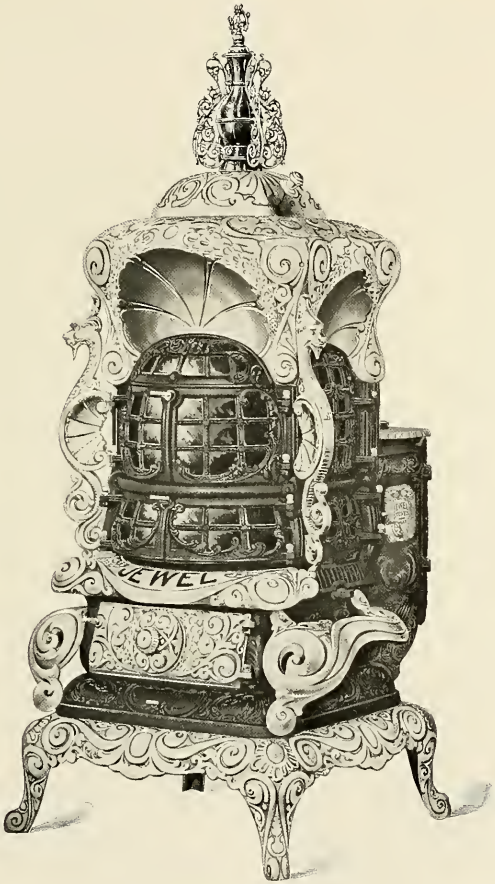
Nickeled Parts
Front and side base strips and legs. Large foot rails. Attractive name plate above the ash door. Handsome ash door with screw draft register and handle. Reflector corner rings. Elegant and massive reflector heads. Swinging top cover. Knobs. Hinge pins. Alaska poker. Shaker. Door panels on oven stove.



Ideal Jewel

Self-Feeding Base Burner.
Double Heater. For Hard Coal.

Number		Floor Space	Weight	List	Code
314	Inside diameter of Fire Pot, 14 in.	28 x 28	425	**$97.50**	Abrupt
315	" " " " 15 "	29 x 29	490	**106.25**	Abruptly
316	" " " " 16 "	30 x 30	535	**115.00**	Abruptness



Ideal Jewel

WITH OVEN

Self-Feeding Base Burner.
Double Heater For Hard Coal.

Number		Floor Space	Weight	List	Code
315	With Oven. Inside diameter of Fire Pot, 15 in.	29 x 29	530	**$120.00**	Abbot

Oven 17 x 11 x 11 in. Top of Oven has two 8-in. lids and two swinging teapot shelves.
For full description see preceding pages.

Crown Jewel Base Burner

A High Grade Base Burner at a Medium Price

For Hard Coal.

THE Crown embodies all that is modern in Base Burner construction. It includes the famous Jewel Triangular Double Heating Flue construction, which gives it greater heating capacity, size of fire pot considered, than any other base burner of its class. It has a beautiful reflector top; swell front with maximum mica surface; big, flaring, nickeled side wings; handsomely nickeled base and legs and heavy foot rails of attractive design. It is one of the most attractive Base Burners ever shown for the money. A study of its construction will show you that it is strictly up-to-date.

The Jewel Triangular Double Heating Flue

Notice the shape—triangular—not round not oval, not square—a full triangle not cramped up. That describes the shape of the Jewel Double Heating Flue. This shape is important. It means higher efficiency. It permits the construction of a flue with all sides coming in contact with direct heated surfaces. There are no dead surfaces, consequently the moment air is drawn in it comes in contact with live, heated surfaces and is immediately put in quick circulation. A scientific test demonstrates that this triangular double heating flue construction gives Jewel Base Burners at least one-third more heating capacity than other makes with equal sized fire pots.

Extra Heavy Fire Pot

measures full size and can be easily removed through front of the stove if desired. Solid one piece construction.

Duplex Grate and Shaking Ring

is of the latest improved type. A slight agitation of the shaking ring clears all ashes from the sides of the fire, depositing them in the center. One turn of the Duplex bar cuts out all clinkers and throws the dead ashes into the ash pan. See illustration and description, page 122.

Automatic Gas Cover

rises and falls as swing top is opened or closed. Screw draft is air tight and gives perfect control of the fire.

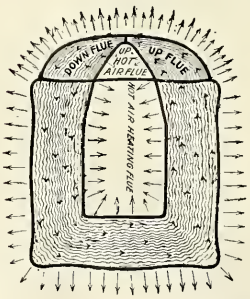
Other Practical Points

Roomy tea kettle attachment, with lid. Large square bailed ash pan. Elegant spun metal urn.

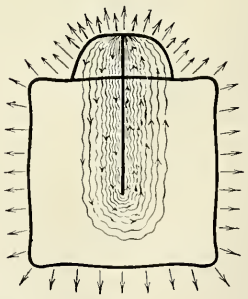
Nickeled Parts

Interchangeable base strips and legs. Heavy foot rails. Very attractive name plate on ash pit top. Handsome ash pit door. Elegant side wings extending along the entire length of fire chamber. Massive top and reflector head. Swinging top. Hinge pins. Knobs. Poker.

Jewel Construction



Other Constructions



Arrows Show Comparative Radiating Power

Crown Jewel

Self-Feeding Base Burner.
Double Heater. For Hard Coal.

Number		Floor Space	Weight	List	Code
314	Inside diameter of Fire Pot, 14 in.	28 x 28	410	**$91.25**	Axis
315	" " " " 15 "	29 x 29	460	**100.00**	Axle
316	" " " " 16 "	30 x 30	500	**108.75**	Aye

Emerald Jewel

A New, Large, Powerful Double Heating Reflector Top Base Burner of Handsome Design

For Hard Coal.

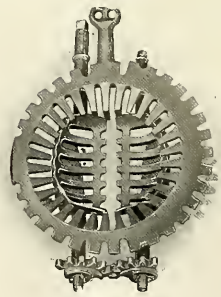
THE Emerald Jewel is a new type of base burner embodying the modern idea of smooth, plain castings and easily cleaned nickel work. This stove in the short time it has been on the market has proved to be one of our biggest sellers because it is not only attractive in appearance and just what a large majority of stove buyers want, but is exceptional value for the price. The nickel is bright and plain, except for just enough carving to make a contrast. The Emerald has a handsome, striking appearance and has the powerful heating capacity necessary in a base burner that gives the utmost satisfaction.

Triangular Double Heating Flue
because of its shape and location has at least one third more efficiency than the ordinary double heating flue. See drawing page 121. Extends from the base to top at the back of the stove and is surrounded by heating surfaces and draws cold air from the floor and expels it highly heated, thus adding greatly to the heating capacity of the Base Burner and utilizing every inch of radiating surface. Keeps the air of the room in constant circulation, insuring even heat.

Jewel Two Flue Construction
The Jewel Two Flue plan makes the entire base and back of the stove an effective radiating surface, thus getting maximum benefit from the fuel.

The Hot Air Circulating Flue
is connected with a double heating collar at the top, providing a most powerful double heating attachment for heating rooms on an upper floor.

Large Ash Pit
and bailed steel ashpan.



Jewel Duplex Grate

Improved Duplex Grate with Shaking Ring
Duplex grate cuts out the clinkers and dead ashes, and has ample space to turn them into the ash pan without crushing the clinkers or using a poker. Shaking ring clears the ashes from the outer edge of fire pot.

Fire Pot
is extra heavy and made nearly perpendicular so that ashes will not lodge on its sides. Can be quickly removed by unscrewing the bolts holding front cast ring in place.

Automatic Inner Magazine Cover
rises and falls with the swing of the top. Forms a tight covering under the nickeled top. Affords a double preventative against escaping gas, also protects nickel from tarnishing.

Tea Kettle Attachment
with cover and a one-piece gas-tight elbow furnished on every stove.

Flue Clean Out
is in front just below ash pit door where it is instantly accessible.

Air Tight Screw Draft Register
in ash door, and check draft ash suction damper in back, give positive control of fire.

Handsome Base
Handsome base of unusually attractive design. Gives a substantial appearance to the entire stove.

Nickeled Parts as Follows:
Beautifully polished triple reflector; front head piece and nickeled side head piece. Beautiful and novel designed Colonial columns and large, handsome side wings which make the stove appear very large. Handsome nickeled two-piece side rails. Nickeled front name plate. Handsomely ornamented and nickeled base and legs. Nickeled swing cover, and an urn in keeping with the stove.

Emerald Jewel

Self-Feeding Base Burner.
Double Heater. For Hard Coal.

Number		Floor Space	Weight	List	Code
114	Inside diameter of Fire Pot, 14 in.	27½ x 27½	365	**$86.25**	Butch
115	" " " 15 "	29 x 29	405	**93.75**	Butcher
116	" " " 16 "	29 x 29	450	**101.25**	Butler

For full description see preceding page.

Regal Jewel Base Burner

Handsome, Massive Base Burner at a Reasonable Price. Very Attractive and Durable. Includes The Jewel Triangular Double Heating Flue Construction

For Hard Coal.

BEYOND any question Jewel Base Burners are the most attractive heating stoves sold for the money. They have the greatest heating capacity and improvements in construction of any base burners on the market to-day. Tests and comparisons have proved this fully.

The Regal Jewel Base Burner is an exceptionally massive, handsome design with larger fire pot than will be found in any other Base Burner sold at a similar price. Measure up and compare.

The secret of Jewel heating capacity is the Triangular Double Heating Flue Construction, the most important improvement of recent years in base burner construction. As long as buyers continue to look for the greatest heating capacity in combination with "fit for the parlor" appearance, the Regal Jewel will continue to be popular.

The Jewel Triangular Double Heating Flue Construction

gives greatest heating capacity. Fully described and illustrated on page 121.

Castings

Smoothest, toughest and longest lasting. Made from Kemi Test metal. Each melt of iron is chemically analyzed and tested so that the castings are uniform in quality, strength and durability.

Heavy One Piece Fire Pot

will practically last forever. May be easily taken out by removing gas ring in front which holds it in place.

Duplex Grate and Shaking Ring

Simple, strong and efficient. Easily operated. Economical with fuel. Described and illustrated, page 122.

Automatic Inside Gas Cover

rises and falls with the opening and closing of swing top. Prevents escape of coal gas and prevents nickel on swinging top tarnishing from gas or heat.

Air Tight Screw Draft Register

in ash pit door gives positive control of the fire.

Hot Air Circulating Flue

has a cover at the top to which a pipe may be connected for heating rooms on floor above. A damper is provided for shutting off this pipe if desired.

Base Heating Flue Construction

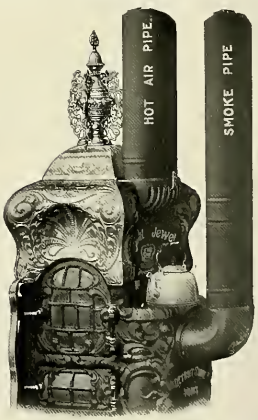
throws all the heat to the outside of the base, thus increasing the radiating surface near the floor where it is most wanted.

Other Practical Points

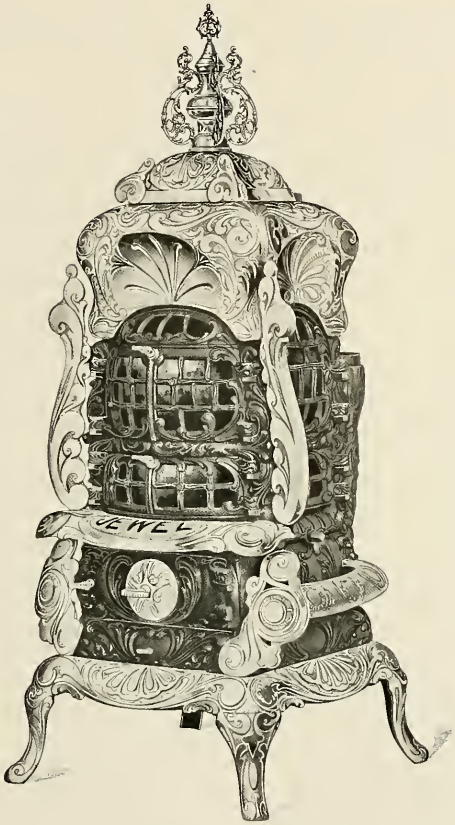
Large square bailed steel ash pan. Beautifully polished reflector top. Nickeled wings on front and sides. Roomy tea kettle attachment with one piece. Solid cast elbow and one six inch lid. Attractive swell front.

Nickeled Parts

Interchangeable base strips and legs. Heavy foot rails. Very attractive name plate on ash pit top. Handsome ash pit door. Elegant side wings extending along the entire length of fire chamber. Massive top and reflector head. Swinging top. Hinge pins. Knobs. Poker.



Double Heater Hot Air Flue and Pipes as used on Ideal, Crown, Regal, Emerald and Magic Jewel Base Burners



Regal Jewel

Self-Feeding Base Burner.
Double Heater. For Hard Coal.

Number				Floor Space	Weight	List	Code
313	Inside diameter of Fire Pot,	13	in.	23 x 23	300	**$66.25**	Elucidate
314	" " "	14	"	24 x 24	335	**73.75**	Elusion
315	" " "	15	"	25 x 25	360	**81.25**	Elusory
316	" " "	16	"	26 x 26	400	**88.75**	Elvan
316 with Oven	" "	16	"	26 x 26	455	**106.25**	Elysium
317	Inside " "	17	"	28 x 28	450	**96.25**	Elvishly

For full description see preceding page.

Magic Jewel

Brilliantly Trimmed, Double Heating Base Burner with Nickeled Steel Base, at a Very Low Price

For Hard Coal.

THIS stove presents an unparalleled combination of beauty and practical utility at low cost. It has handsome nickeled reflector top. Practically all the nickel surface is brilliantly smooth. There is just enough carving to make a pleasing contrast. A study of the description of the Magic Jewel will show that it has all the features usually found in Base Burners sold at much higher prices.

Castings

Made from Kemi-Test metal. Exceptionally smooth, tough and durable. The ash pit and base castings are handsomely carved in a very neat, graceful pattern, giving an impression of massiveness and durability.

Hot Air Circulating Flue

takes cold air from the floor and expels it from the top, intensely heated.

The Jewel Two Flue Plan of Construction

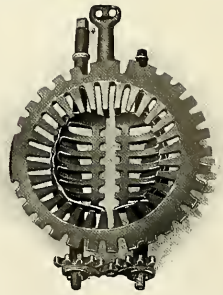
is followed in this stove, making it a powerful base heater. The smoke and heat pass through the down flue around the entire base to the up flue before reaching the smoke pipe.

The Heavy Fire Pot

is made in one piece and is very durable. It can be easily taken out by removing the fire pot ring just below upper front mica door.

Automatic Gas Cover

is fitted airtight. Rises and falls with the opening and closing of handsome nickeled swing cover. This automatic gas cover not only prevents escape of gas but also prevents heat tarnishing nickeled swing top.



Jewel Duplex Grate

The Duplex Grate and Shaking Ring

on the Magic Jewel is of exactly the same pattern as used on our higher grade base burners and is the easiest operating and most economical grate known. A slight movement of the shaking ring from right to left is sufficient to clean out all dead ashes from the sides of the fire pot to the center of the grate. One turn of the shaker throws all dead ashes and clinkers into the ash pan below.

Large Magazine

holds an ample supply of fuel. Is made from Kemi-Test metal and of correct weight to insure great durability.

All Nickeling

on this and other Jewel Base Burners is done by a process exclusive with our factory. It will be noticed that this nickel is exceptionally brilliant—it has the very finest polish and does not easily tarnish. Nickel work is all removable for storing away during summer months.

Tea Kettle Attachment

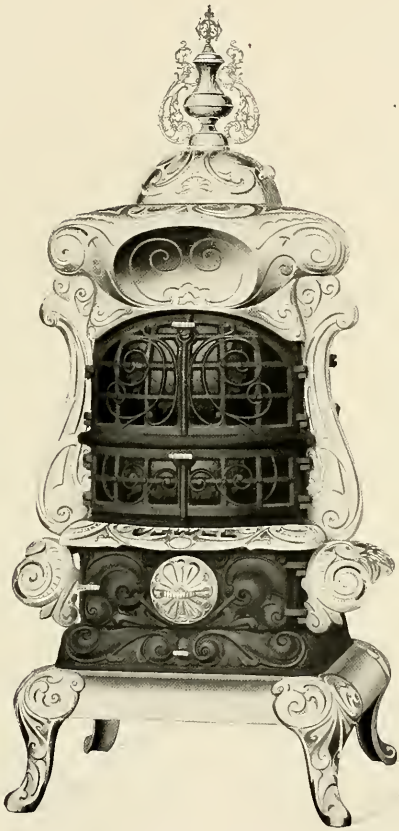
on this stove has one lid for heating water, etc.

Fitting and Mounting

One of the features that has helped Jewel Base Burners earn their splendid reputation for heating efficiency and fuel economy is the fine class of work done in mounting and fitting. All joints are cup joints and set in fire proof cement, making them absolutely gas and airtight. All fitting faces of doors are ground to an exact fit so that the stove is under perfect control of the damper system.

Nickeled Parts

Interchangeable base strips and legs. Heavy foot rails. Very attractive name plate on ash pit top. Handsome ash pit door. Elegant side wings extending along the entire length of fire chamber Massive top and reflector head. Swinging top. Knobs. Poker.



Magic Jewel

Self-Feeding Base Burner.
Double Heater For Hard Coal.

Number		Floor Space	Weight	List	Code
13	Diameter of Fire Pot, 12 in.	21 x 22	285	**$62.50**	Briber
15	" " 14 "	22 x 24	305	**68.75**	Bribery
17	" " 16 "	24 x 26	350	**75.00**	Brick

For full description see preceding page.

Regent Jewel Base Burner

A High Grade, Substantial Base Burner Sold at a Low Price. Built for the User who Desires Service More Than Appearance.

THE REGENT JEWEL is designed for the user who desires a high grade substantially made stove that can be bought for a low price. It is well built and of good appearance but it does not have quite as large an amount of nickel work as the higher priced Jewel Base Burners. Aside from this it is practically the same as the higher priced stoves. The REGENT JEWEL contains the celebrated Two Flue Construction which gives one-third more heat with one-third less fuel. This is a valuable feature in any stove.

Castings

Made from Kemi-Test metal. Exceptionally smooth, tough and durable. The ash pit and base castings are handsomely carved in a very neat, graceful pattern, giving an impression of massiveness and durability.

Hot Air Circulating Flue

takes cold air from the floor and expels it from the top, intensely heated.

The Jewel Two Flue Plan of Construction

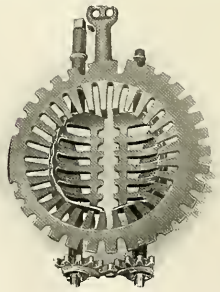
is followed in this stove, making it a powerful base heater. The smoke and heat pass through the down flue around the entire base to the up flue before reaching the smoke pipe.

The Heavy Fire Pot

is made in one piece and is very durable. It can be easily taken out by removing gas ring in front which holds it in place.

Automatic Gas Cover

is fitted airtight. Rises and falls with the opening and closing of handsome nickeled swing cover. This automatic gas cover not only prevents escape of gas but also prevents heat tarnishing nickeled swing top.



Jewel Duplex Grate

The Duplex Grate and Shaking Ring

on the Regent Jewel is of exactly the same pattern as used on our higher grade base burners and is the easiest operating and most economical grate known. A slight movement of the shaking ring from right to left is sufficient to clean out all dead ashes from the sides of the fire top to the center of the grate. One turn of the shaker throws all dead ashes and clinkers into the ash pan below.

Large Magazine

holds an ample supply of fuel. Is made from Kemi-Test metal and of correct weight to insure great durability.

All Nickeling

on this and other Jewel Base Burners is done by a process exclusive with our factory. It will be noticed that this nickel is exceptionally brilliant—it has the very finest polish and does not easily tarnish. Nickel work is all removable for storing away during summer months.

Tea Kettle Attachment

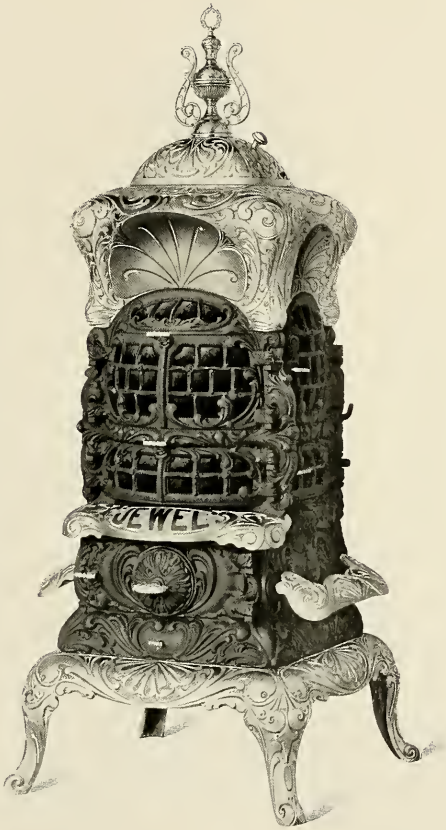
on this stove has one lid for heating water, etc.

Fitting and Mounting

One of the features that has helped Jewel Base Burners earn their splendid reputation for heating efficiency and fuel economy is the fine class of work done in mounting and fitting. All joints are cup joints and set in fire proof cement, making them absolutely gas and airtight. All fitting faces of doors are ground to an exact fit so that the stove is under perfect control of the damper system.

Nickeled Parts

For a stove of this quality at the price there is a larger amount of nickel work than would be possible were it not for our unequalled manufacturing facilities. The entire top which includes the triple reflector dome and swinging top is nickeled. The rolling foot rails, full nickeled name plate, base and legs all heavily nickeled, add their share of beauty. The handsome urn also adds to the beauty of this base burner.



Regent Jewel

Self-Feeding Base Burner.
Double Heater. For Hard Coal.

Number		Floor Space	Weight	List	Code
13	Inside diameter of Fire Pot, 13 in.	24 x 24	290	**$57.50**	Buckhorn
14	" " " 14 "	25 x 25	325	**63.75**	Bussock
15	" " " 15 "	26 x 26	350	**70.00**	Buskin

For detailed description see preceding page.

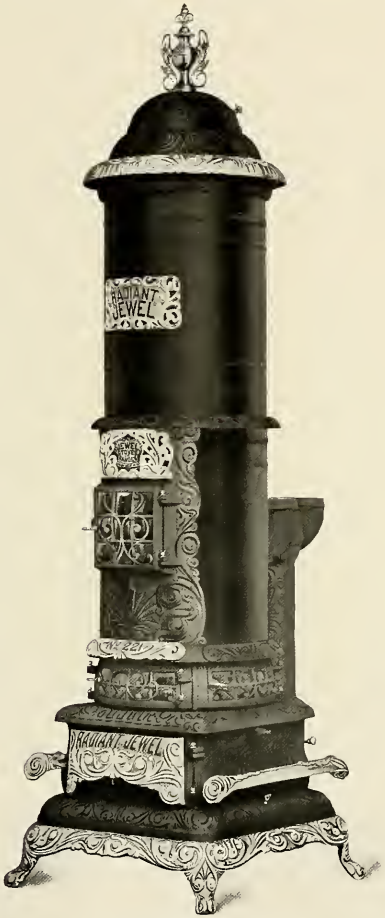
Radiant Jewel

Surface Burning Base Heater. For Hard Coal.

Number		Floor Space	Weight	List	Code
215 and Oven.	Diameter of Drum, 15 in.	27 x 27	395	**$70.00**	Importer
217 " "	" " 17 "	28 x 28	450	**80.00**	Importune
219	" " 19 "	30 x 30	525	**90.00**	Impose
221	" " 21 "	32 x 32	610	**102.50**	Imposing

Oven in the top and tea kettle attachment are furnished on 215 and 217 only.

A richly decorated stove, the only really ornamental surface burner on the market; gives the greatest amount of heat from the coal consumed and requires no more attention than does a self-feeding stove. Has large ash pit and ash pan, tight fitting joints, giving perfect control of combustion; heavy draw center shaking grate, which can be removed without disturbing linings; Russia iron body, protected by heavy cast linings; fire brick linings inside of cast linings; portable flue grate (keeps coal out of the back flue); large feed door; nickeled base and legs; nickeled front plate on ash door; nickeled foot rails; nickeled number plate; nickeled plate over feed door; nickeled top band; nickeled shaker and poker.



Radiant Jewel

Surface Burning Base Heater. For Hard Coal.

Number		Floor Space	Weight	List	Code
219X	Mounted 1⅔ sheets high	30 x 30	560	**$100.00**	Imprecate
221X	" 2 " "	32 x 32	685	**115.00**	Impress

Oven in the top and tea kettle attachments are furnished with all sizes.

Pipe connection to carry off gas from the upper section is furnished with each of the above stoves (pipe connection is not shown in illustration); round water boiler may be placed in upper section if desired, but it presents a far better appearance and is more convenient when a boiler with faucet is placed on the tea kettle attachment, in rear of the stove; nickeled plate on upper section, in addition to the other nickeled trimmings enumerated on preceding page.

Air Blast Jewel Heater

For Soft Coal, Slack and Siftings.

THE Air Blast Jewel is an air-tight construction, built on approved scientific principles. It offers the user the appearance of a high grade stove suitable for the living room and the highest efficiency and economy in burning slack or soft coal.

The successful economical way to burn soft coal is to coke it. The Air Blast Jewel cokes the fuel. By means of an improved hot blast construction and a slotted fire pot, warmed air is fed to the edges of the fire toward the center (not at the center); this results in the fuel being properly coked. The gases and carbon liberated from the fuel are burned in the process of coking and converted into heat units. This means not only highest efficiency, but it also means the utmost cleanliness possible when soft coal or similar fuel is used

The line between success and failure in the construction of air-tight soft coal burning stoves is very fine. By using scientific methods through which we have been able to adjust the air blast construction in exact ratio to the size of the fire pot and combustion chamber, we have reached the point of efficiency and satisfaction which in other constructions is just missed. Special attention is invited to the grate and fire pot construction of the Air Blast Jewel, for it is upon the exact, accurate construction of these, in combination with other features, that we have achieved success.

It is almost needless to say that the finest grade materials are used in the construction of the Air Blast Jewel. The castings are all made from Kemi-test metal, the steel radiator is mounted with particular care, being set in deep cup joints, the edges turned outwards so they do not come in contact with the fire. The fitting faces of all doors are ground true to fit air-tight.

Illustration showing slots which feed air to edges of fire and Hot Blast Ring which supplies oxygen above fire, resulting in the coking of the coal and perfect combustion.

Jewel Air Blast Draw Center Grate with Center Bar closed.

Details of Air Blast Heater

Air Blast Fire Pot

You will note that this not only has deep corrugations on the outside insuring durability and greatest possible radiation of heat, but the inside is built with a number of slots. Through these slots warmed oxygen is fed to the edges of the body of fire, which, uniting with the gases liberated from soft coal, secures perfect combustion and proper coking of the fuel. The fire pot is perpendicular in shape preventing ashes collecting on the sides and interfering with radiation.

Hot Blast Ring with Screw Draft Register

fits directly above the fire pot. Air enters through the screw draft and passing into the hot blast ring becomes warmed and is discharged into the fire chamber immediately over the fire zone, where it unites with the smoke and gases, causing complete combustion, so that every possible heat unit is extracted from the fuel and the utmost fuel economy assured.

Jewel Air Blast Draw Center Grate

This grate is an exclusive Jewel design. Please note that the draw center is solid. The bottom grate is slotted only on the sides. This peculiar construction assists in the coking process alluded to above and is part of the scientific plan through which such eminently successful results are secured in burning soft coal and slack. The air does not permeate the bed of the fire through its center, as in stoves of direct draft construction, but enters entirely from the edges of the grate and sides of the fire pot. The draw center shaker rests on a ball-bearing base and a very slight effort is sufficient to agitate it and free the fire from ashes and clinkers. This grate is remarkably durable. It will be noted that it varies greatly from the usual constructions; grates of this class are usually made in two sections, the one sliding over the other, which means of necessity they must be light in weight. The result is that the fierce heat from soft coal soon burns and warps them out of shape so that it is difficult if not impossible to operate them. The Jewel Air Blast Draw Center Grate eliminates all such drawbacks. It is heavy and durable and will outlast any ordinary grate. Drawing out the center bar drops the ashes from the center of the fire pot directly into the ash pan.

Hot Air Circulating Chamber

Between the cast jacket and the steel drum is a space which forms a circulating air chamber, making this stove a double heater and giving it greater radiating power than ordinary constructions.

The Body

of the Jewel Air Blast consists of a heavy cast iron drum encased in an elaborately carved, open-work, cast-iron body, providing an exceptionally large area of radiating surface and giving the stove an exceedingly attractive appearance.

Large Double Feed Doors

have fitting faces ground to fit air-tight and provide sufficient space to feed large pieces of soft coal. Lower section of feed door has mica opening protected by metal gauze, thus keeping the mica bright and clean. Lower section is fitted with self-locking handle.

Large Ash Pit

provides ample room for a bailed ash pan of unusual size and capacity. Edges of swing ash pit door are ground to fit air-tight.

Handsome Nickeled Swing Top

has cover below for heating water, etc.

Attractive Nickel Urn

of newest style is mounted on nickel swing top.

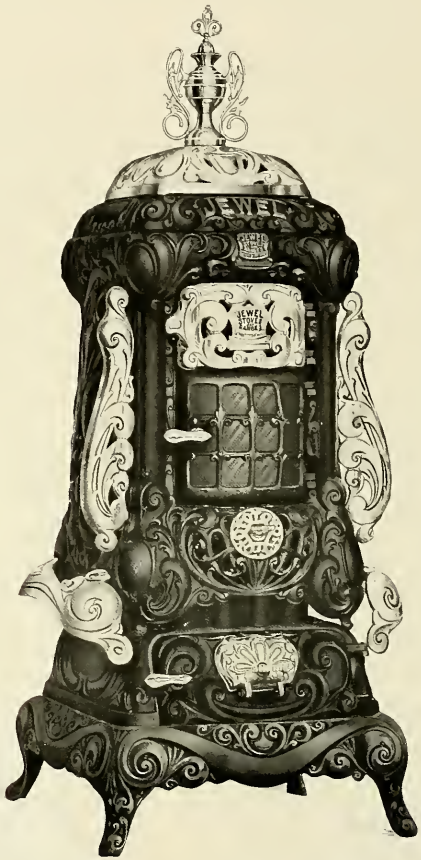
Leg Base

is of strong, massive construction and handsomely carved.

Nickeled Parts

Beautiful rolling foot rails. Large side wings. Ash pit door handle and screw draft register. Feed door handle and panel in upper section. Swinging top.

Jewel Draw Center Grate with Center Bar withdrawn for dumping ashes into the Ash Pan.



Air Blast Jewel Heater

Single Heater, Black Base.
For Soft Coal, Slack and Siftings.

Number		Floor Space	Weight	List	Code
141	Inside Diameter of Fire Pot, 14 in.	23 x 23	310	**$47.50**	Absurd
161	" " " 16 "	25 x 25	350	**56.25**	Abound
181	" " " 18 "	27 x 27	385	**66.25**	Absolve
Nickel Base, extra				**5.00**	Button

Vulcan Jewel Heater

WITH ASH PAN.

Saves One-Third the Fuel; Holds Fire 36 Hours or Longer Requires No More Attention than a Hard Coal Base Burner

For Soft Coal.

THE success of the Vulcan Jewel has been built upon its attractive appearance and superior operating features. We offer the Vulcan Jewel as the one completely successful hot blast soft coal burner. Its merit is founded on the scientific hot blast construction; the high grade of materials and the skilled workmanship which insures the perfect fitting of every part. All castings are sufficiently heavy to perform the service for which they are intended. We claim for the Vulcan Jewel the utmost heating efficiency, durability and fuel economy that it is possible to secure from this class of soft coal heater. There is no heater sold at its price which in any way approaches it in quality and all-around efficiency.

Showing interior construction and operation of the Vulcan Jewel.

Saves One-Third the Fuel

Operated according to instructions the Vulcan Jewel burns a very high percentage of the gas and carbon liberated from soft coal or slack, converting them into heat. Burns soft coal, siftings and slack with cleanliness because it effects perfect combustion of these fuels and thus saves a full third of the fuel compared with lower draft stoves. Thousands have proved this to their entire satisfaction.

Holds Fire 36 Hours

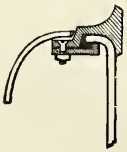
The Vulcan Jewel operated according to instructions, will hold fire 36 hours or more without attention. Supplies heat from one to two hours each morning with the fuel put in the night before. Requires no more attention than a good hard coal base burner. Any grade of soft coal may be used with satisfactory results.

Top Hot Blast Draft and Upper Front Draft

The Vulcan Jewel is not only supplied with an ample volume of hot air, but this hot air reaches it at all points of combustion, thus making a more complete and effective union with the gases than is possible in other stoves, the result being the greatest attainable economy of fuel. This is the meat for the Hot Blast Construction of the Vulcan Jewel.

To effect perfect combustion of gases liberated from soft coal, it must be understood that the chemical union of the air and gases cannot occur until air is heated to over 500° Fahrenheit. Air enters the fire chamber of the Vulcan through the top central swinging hot blast draft and through the upper front draft. In passing through these two channels it becomes heated to the temperature required and freely mingling with the gases it effects perfect combustion.

Regardless of claims made by others it will be readily understood that to accomplish more than this is absolutely impossible.



Joint at Top of Jacket

Extra Heavy Sheet Steel Jacket

is fitted in cup joints at top and bottom and edges are protected in both cases, insuring the utmost durability. Please note illustration above showing joint at top of jacket.

Large Feed Door

at top is fitted air-tight. When this door is thrown open a draft is created which carries the soot and smoke to the chimney, making the door smoke proof.

Air-Tight Construction

The Vulcan is air-tight in fact as well as in name. The Jewel method of triple inspection and adequate testing insures this.

Heavy Circular Cast Lining

above fire pot and heavy sheet steel lining above casting lining reaching to the top of the stove protect the outer steel body. Between linings and outer jacket is an air space which affords protection to both linings and body. The Hot Blast in the side gives a circulation of air between the Cast Iron Fire Pot and the steel body which causes the Vulcan linings of fire pot to last longer than other Hot Blast Heaters.

Hot Blast Tube Swings

so that it is never in the way when fuel is fed to the stove.

Hot Blast Damper

is operated without moving the swing cover.

Roomy Ash Pit

is fitted with large bailed ash pan.

Nickeled Parts

Polished nickel steel foot rail held in place by nickeled supports. Polished nickeled steel band on front base. Polished nickeled steel top band. Nickeled lower screw draft register (kept closed except when a fire is being started). Nickeled open-work swinging top. Handsome urn.

Vulcan Jewel

Hot Blast Heater, with Upper Screw Draft Register.
For Soft Coal.

Number		Floor Space	Weight	List	Code
115	Diameter of Body, 15 in.	19 x 19	165	**$31.25**	Coating
118	" " 18 "	22½ x 22½	240	**40.00**	Coax
121	" " 21 "	25 x 25	310	**50.00**	Coaxing

For full description see preceding pages.

Pluto Jewel

Hot Blast Heater. For Soft Coal.

Number		Floor Space	Weight	List	Code
12	Diameter of Body, 12 in.	15 x 15	85	**$18.50**	Cob
14	" " 14 "	16 x 16	110	**20.50**	Cobalt
16	" " 16 "	17 x 17	125	**22.50**	Cobaltic
18	" " 18 "	19 x 19	145	**26.50**	Cynic

The Pluto Jewel is built on the same general principles as the Vulcan, described on page 143, except that the upper draft around the fire pot is omitted. The construction is lighter and has double seamed steel bottom, enabling us to furnish a very desirable stove at a low price. The ash pit is positively air tight. Handsome nickeled steel foot rail, and top band; nickeled draft cover on ash door.

Air Blast Jewel Oak

Highest Grade Oak Soft Coal Burner Manufactured

THE Air Blast Jewel Oak is different from any other Oak. It surpasses all others in the efficiency of its hot blast construction. It satisfies those who want the best Oak ever built for burning soft coal or slack.

The "Air Blast" Jewel Oak firepot and air blast construction cokes the fuel. Any soft coal expert will tell you that the way to get the best results from soft coal or slack is to coke it. Warm air is fed around the edges of the fire—and above it—thus it burns toward the center and as the gases are liberated and burned they are converted into heat units and the coal is coked, giving a solid body of fire. This process gets all the heat from the fuel and leaves little ashes or clinkers.

Effective Coking of Fuel

The Air Blast Jewel and the Air Blast Jewel Oak are stoves designed on strictly scientific lines by which the user may be always sure of satisfactory results. The fire pot and air blast ring by means of which the coking process is always assured are described in detail below. It is important to study these features. The exact proportioning of the admixture of warm air to the size of the fire chamber—the size of the fire pot—the size of the grate, are what count.

It is by scientific exactness that we accomplish in the Air Blast Jewel Oak the very results which others just miss.

Air Blast Fire Pot

not only has deep corrugations on the outside insuring durability and greatest possible radiation of heat, but the inside is built with a number of slots. Through these slots warmed oxygen is fed to the edges of the body of the fire which uniting with the gases liberated from soft coal, insures perfect combustion and proper coking of the fuel. The fire pot is perpendicular in shape, preventing ashes collecting on the sides and interfering with radiation.

Hot Blast Ring with Screw Draft Register

fits directly above the fire pot. Air enters through the screw draft and passing into the hot blast ring becomes warmed and is discharged into the fire chamber immediately over the fire zone, where it unites with the smoke and gases, causing complete combustion.

Illustration showing construction of Air Blast Oak Jewel Fire Pot and Hot Blast Ring.

Jewel Air Blast Draw Center Grate

An exclusive Jewel design assuring efficiency and durability. The draw center is solid and the ring only is slotted. This peculiar construction assists in the coking process and is part of the scientific plan through which such eminently successful results are secured in burning soft coal and slack. Air does not permeate the bed of the fire through its center as in stoves of direct draft construction, but enters from the edges of the grate and sides of the fire pot. The draw center shaker rests on a ball bearing base and a very slight effort is sufficient to agitate it and free the fire from ashes and clinkers.

Air Blast Oak Jewel Draw Center Grate.

Body

is made of one piece of heavy cold rolled sheet steel, all edges and joints properly protected.

Large Double Feed Doors

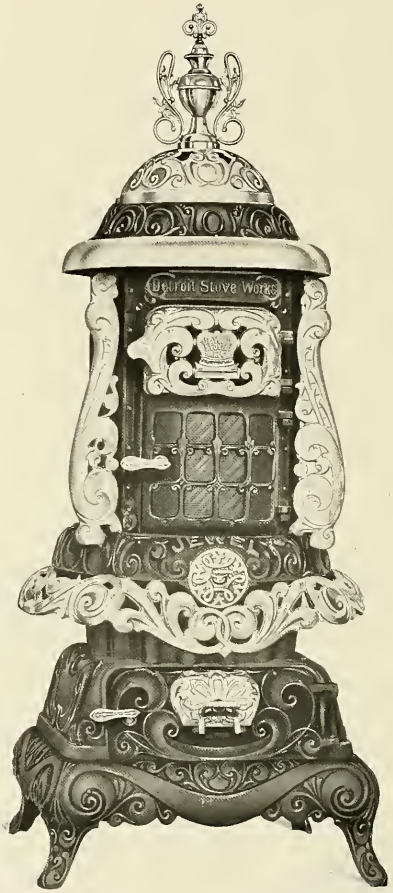
provide sufficient space to feed large pieces of soft coal and have fitting faces ground to fit air-tight. Lower section of feed door has mica opening protected by metal gauze, thus keeping the mica bright and clean, and is fitted with self-locking handle.

Large Ash Pit

provides ample room for a bailed ash pan of unusual size and capacity. Edges of swing ash pit door are ground to fit air-tight.

Nickeled Parts

Beautiful fire pot ring. Large side wings. Leg base. Ash pit door handle and screw draft register. Feed door handle and panel in upper section. Swinging top.



Air Blast Jewel Oak

With Steel Body. For Soft Coal, Slack or Siftings.

Number		Floor Space	Weight	List	Code
14	Diameter of body, 14 in.	25 x 25	220	$41.25	Adapt
16	" " 16 "	26 x 26	245	46.25	Adage
18	" " 18 "	27 x 27	290	52.50	Abject
Nickel Base, extra				5.00	Avenged

Jewel Oak Heaters

In Assortment and Price the Jewel Line Meets Every Demand of the Trade

THE points which have made Jewel Oak Heaters the most popular sellers, are the materials from which they are made, the high grade workmanship, the care exercised in mounting and fitting, and the good taste displayed in designing. Heavy cold rolled polished steel is used exclusively for the bodies. The castings are made from Kemi-test metal, which is chemically analyzed and tested to insure uniform quality, strength and durability. The Kemi-test process also insures quick radiating castings and a smoothness and quality not to be secured in any other way.

The efforts of our Oak manufacturing department are centered on making these stoves as nearly air-tight as possible. The ash pit door and frames and feed doors and frames are carefully ground and fitted so that they fit with the utmost accuracy. This means that there is no leakage of air, and is one of the "reasons why" buyers of high grade Oaks prefer Jewel Oaks.

Body Construction

Too much emphasis cannot be placed upon the quality of materials used in making Jewel Oak bodies and the method by which all edges are protected from the direct action of the heat. Very heavy three-pass homogeneous sheet steel is used in making the drums. The fire pot is made with a deep flanged cup with the inner wall projecting above the flange on the outer wall. The bottom edge of the drum is flanged and fits into the cup joint of the fire pot, which is then tightly packed with asbestos cement. An outside cast deflecting ring is then fitted over the flanges and the steel drum and fire pot are thus securely bolted together, making the tightest possible joint.

Jewel Duplex Grate

This is placed in the more expensive grade of Jewel Oaks and is the most effective, economical and easiest operating grate ever designed—rests on ballbearings. A slight agitation of the shaking ring precipitates all dead ashes from the sides to the center and one turn of the shaking crank cuts out all clinkers and dead ashes without disturbing the main body of the fuel.

General Plan of Construction

Torrid Jewel Oak fitted with feeder, and feeder can be furnished extra on Prince, Banner and Live Oaks. Duplex grate is fitted on all except Live Oak and Gem Oak. Hot Blast Ring is furnished on Torrid and Prince Oak.

Prince and Torrid Jewel Oaks

Superbly Finished Oaks with Hot Blast Ring and Self Feeder

For Coal or Wood.

THESE Oak Jewels with rich nickel ornamentation will be instantly recognized as the highest class Oaks produced. Unusually strong and heavy in construction, body being made of highest grade steel. All joints are protected by an exclusive Jewel method. Castings are made from Kemi-test metal. Has an extra large ash pit and ash pan; an extra heavy durable corrugated fire pot and pressed steel base strips. Torrid Oak has double heater and fitted with magazine.

Fire Pot
is extra heavy and durable and cast from Kemi-test metal. Deep corrugations insure maximum radiating power.

Duplex Grate and Ball Bearing Shaking Ring
is extremely easy to operate and economical with fuel. A slight agitation of the shaking ring forces out all dead ashes, and one turn of the crank deposits ashes and cinders in large ash pan. Steel balls on which the shaking ring operates, reduce friction and labor to the minimum. When reversed Duplex Grate makes a good wood fire bottom.

Hot Blast Ring
is placed immediately above the fire pot and feeds heated oxygen to edges of the fire towards the center, where it mingles with the gases, creating perfect combustion. It also has the advantage of protecting the body of the stove where it needs protection most—at the lower part of the steel drum where the body joins the fire pot.

Air-Tight Screw Draft Register
in feed door controls operation of hot blast ring.

Large Air-Tight Ash Pit
with bottom sunk permits use of a deep ash pan. The sunken bottom also prevents drawing out ashes on floor when removing ash pan.
Extra large bailed ash pan.

Large Double Feed Door
with heavy cast frame. Special care is used in grinding and fitting both door and frame, thus preventing any possibility of leakage. Lower section of door is fitted with self-locking handle and upper section has handsome nickeled panel.

Hinged Screw Draft Register
on ash pit door regulates direct draft. Has air-tight fitting faces giving perfect control of the fire. Grate is operated from an opening under this screw draft register.

Magazine for Hard Coal
or self-feeder is furnished with this stove.

Steel Base
is light, strong and durable. Easily packed for shipping. Will not crack or break.

Nickeled Parts
Broad ornamental cast foot rail. Nickeled side wings. Upper feed door panel. Screw draft register on feed door and on ash pit door. Polished steel top band. Handsome swing top and brass and copper urn.

Prince Jewel Oak
The Prince Jewel Oak is identically the same as the Torrid with the exception that the body of Prince is made in either cast iron or steel and the Prince does not have the double heating attachment.

Back view of Torrid Oak showing Hot Air Ventilating Flue

Torrid Oak Jewel, with Wings

Double Heater with Magazine. For Coal.

Number		Floor Space	Weight	List	Code
14W	Diameter of body 14 in.	25 x 25	225	**$47.50**	Buzz
16W	" " " 16 "	26 x 26	250	**52.50**	Buzzard
18W	" " " 18 "	27 x 27	300	**58.75**	Buzzer
Nickeled Base, extra				**3.75**	Bygone
If desired without Nickel Wings, deduct				**2.50**	Bylaw

Prince Oak Jewel, with Wings

With Sheet Steel Body. For Coal or Wood.

Number		Floor Space	Weight	List	Code
214W	Diameter of body, 14 in.	23 x 23	185	$38.75	Byway
216W	" " 16 "	25 x 25	210	42.50	Byword
218W	" " 18 "	27 x 27	260	47.50	Buttoned
221	(without wings) Diameter of body, 21 in.	30 x 30	330	53.75	Brighten
Magazine Feeder, extra, Nos. 14, 16 and 18, $3.75; No. 21, $6.25					Brilliant
Nickel Base, extra				3.75	Brim
If desired without Nickel Wings, deduct				2.50	Butternut

Prince Oak Jewel, without Wings

With Cast Body, Ash Pan and Steel Base. For Coal or Wood.

Number		Floor Space	Weight	List	Code
314	Diameter of Body, 14 in.	23 x 23	195	**$36.25**	Brimming
316	" " 16 "	25 x 25	220	**40.00**	Brimstone
318	" " 18 "	27 x 27	265	**45.00**	Brinded
Magazine Feeder, extra, Nos. 314, 316, and 318			30	**3.75**	Brine
Nickel Wings, extra				**2.50**	Bring
" Base, extra				**3.75**	Briny

Prince Oak Jewel

One and One-Half Sections High. With Sheet Steel Body.

Number		Floor Space	Weight	List	Code
218X	Diameter of Body, 18 in.	27 x 27	285	**$50.00**	Briton
221X	" " 21 "	30 x 30	350	**60.00**	Brittle

The Jewel Banner Oak Heater

An Exceptional Value in a Medium Priced, Extra Heavy, Well Made Oak Stove

Burns Hard and Soft Coal and Wood.

THE Jewel Banner Oak is a stove designed to produce the greatest amount of heat with the least fuel consumption. It is well made from the heaviest and best grade of steel and iron and possesses all the qualities which insure good service. A comparison of the Jewel Banner Oak with the many so-called Oak Heaters on the market in which quality and efficiency have been sacrificed to obtain a low cost will at once show its great superiority. Particularly noticeable is the mounting of the castings which makes the stove practically air-tight, a very necessary feature in Oak Stove construction, if a stove is produced which will hold fire over night and burn the fuel without wasting it.

Heavy Kemi-Test Castings
All castings in this stove are made from Jewel Kemi-test iron. This iron is analyzed and tested by an expert chemist before it is run to insure against imperfections of every kind.

Mounted with Extra Care
All castings in this stove are carefully ground and fitted before being mounted. Mounting of the stove is done under the supervision of expert inspectors who watch every detail of construction and reject all work that does not come up to the high standard of perfection for which Jewel Stoves are noted.

Heavy Sheet Steel Drums
The heavy sheet steel drum or upper body is made of extra heavy cold rolled steel, which has a highly polished surface that does not require blacking. This steel will not chip or peel and it retains its beautiful blue lustre during the lifetime of the stove.

Corrugated Fire Pot
The fire pot in this stove is made of Jewel Kemi-test metal and is scientifically designed to burn a minimum amount of fuel. To insure the greatest heat radiating surface it is corrugated on the outside, and to insure great durability the castings are extra heavy. Duplex grate and shaking ring.

Improved Flanged Cup Joint
A flanged cup joint of special design is employed where the steel body is joined to the fire pot. The edge of the steel is flanged and fits into a cup in the fire box casting, packed with asbestos cement. An outer cast ring fits over the flange and is bolted to the fire pot.

Ash Pit and Doors
The stove is equipped with an extra large ash pit and a large ash pit door. Special care is exercised in the fitting of this door so that it is practically air tight, which obviates the danger of air reaching the fire when door is closed.

Feed Doors
Large double feed doors are provided. The lower door opens independent of the top one. For feeding large chunks of wood where wood is burned the double door is an especially desirable feature. The handle is of a self locking type.

Dampers
Perfect control of the fire is assured by a screw draft damper in the ash pit door, and a slide check damper in the upper feed door. All parts being fitted so they are smoke and air tight renders this stove a great fire keeper.

Heavy Attractive Leg Base
The base of this stove is made extra strong and substantial. The legs are of pleasing design and are supported and braced by a cast frame which gives the stove great rigidity and protects the legs against danger of breakage.

Swinging Cover and Top Opening
The stove is provided with a swinging top cover, which when pushed aside offers a convenient place for boiling water or heating utensils. An opening is provided with cover so that fuel can be fed through the top if desired.

The Design and Nickeling
The castings are elaborately modeled with a very pleasing and ornate design. Nickeled fire-pot footrail, nickeled top ring; also door panel on upper feed door and the draft register in the ash pit door. All these parts are nickeled by the Jewel special process, which gives them a lustre like silver. An attractive urn surmounts the stove.

Natural Gas Ring, which can be furnished extra, with Banner and Live Oak Jewel if desired.

Banner Oak Jewel—With Wings

Cold Rolled Steel Body. For Coal or Wood.

Number		Floor Space	Weight	List	Code For Wood	Code For Coal
214W	Diameter of body, 14 in.	22 x 22	160	**$27.00**	Busted	Busy
216W	" " 16 "	24 x 24	165	**32.00**	Bustle	Busybody
218W	" " 18 "	26 x 26	175	**37.00**	Bustling	But
Magazine Feeder, extra			25	**3.00**	Currant	Currant
Natural Gas Ring, for Nos. 214 and 216, extra			20	**3.00**	Eruption	Eruption

Banner Oak Jewel—Without Wings

Cold Rolled Steel Body. For Coal or Wood.

Number		Floor Space	Weight	List	Code For Wood	Code For Coal
214	Diameter of body, 14 in.	22 x 22	160	**$25.00**	Wig	Wiliness
216	" " 16 "	24 x 24	165	**30.00**	Wigwam	Willful
218	" " 18 "	26 x 26	175	**35.00**	Wild	Willow
Magazine Feeder, extra			25	**3.00**	Currant	Currant
Natural Gas Ring, for Nos. 214 and 216, extra			20	**3.00**	Eruption	Eruption
Nickel Wings, extra				**2.00**	Brink	Brink

Live Oak Jewel

Cold Rolled Steel Body. For Coal or Wood.

Number		Floor Space	Weight	List	For Coal	Code For Wood
10	Diameter of body, 10 in.	17 x 17	85	**$17.50**	Quadruple	Quad
12	" " 12 "	19 x 19	100	**20.00**	Quaff	Quadrangle
14	" " 14 "	21 x 21	120	**22.50**	Quaggy	Quadrant
16	" " 16 "	23 x 23	150	**26.25**	Quail	Quadrille
18	" " 18 "	25 x 25	200	**30.00**	Quaint	Quadruped
Feeder, extra (none made for No. 10)			25	**3.00**	Zebra	Zebra
Natural Gas Ring, for Nos. 12, 14 and 16, extra			20	**3.00**	Cyclopedia	Cyclopedia

Air-tight construction. Heavy cold rolled steel body. Ash door full depth ash pan. Large ash pit. Large double feed door. Draw center shaking grate. Special closed wood grate furnished if desired. Coal grate, satisfactory for wood, shipped unless otherwise ordered.

Gem Oak Jewel

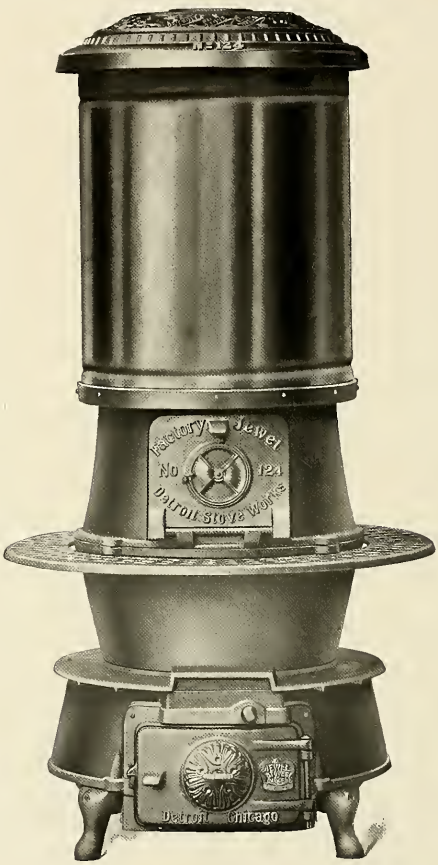
Cold Rolled Bessemer Steel Body. For Coal or Wood.

Number		Floor Space	Weight	List	Code
210	Diameter of Body, 10 in.	16 x 16	70	**$12.50**	Cocoon
212	" " 12 "	18 x 18	80	**15.00**	Coctile
214	" " 14 "	20 x 20	100	**17.50**	Coction
216	" " 16 "	22 x 22	115	**21.25**	Coeval

Details. A well-made Junior Oak stove. Improved top and ash door. Screw draft register in ash door. New swinging cover. One six-inch lid on top. Large air-tight feed door. Check draft damper. Large ash pan. Draw center grate. Burnished nickeled top band, and ornamental cast nickeled fire pot ring. Heavy smooth steel body. Cast parts attractively carved and well mounted. Improved self-locking handle. Attractive spun metal urn.

Factory Jewel Heater

For Soft Coal, Hard Coal, Slack, Siftings, Coke, Wood.



Number		Weight	List	Code
124	Diameter of Fire Pot, 24 in.	750	$87.50	Reaper

Details

This is the best constructed and most durable plain heater ever built, especially designed to stand the strain and hard usage to which a stove is subjected in heating very large spaces, such as foundries, factory rooms, depots, warehouses, stores, public halls, etc.

It has an extra heavy, durable fire pot; heavy cast cylinder above the line of fire, to prevent steel drum from coming into direct contact with the fire. The large flange on top cylinder holds fine ashes which protect the drum; very heavy Duplex grate, which, with one movement of the crank, cuts out clinkers and dead ashes; large extra heavy, self-mounting, drop feed door, with check damper, door so arranged that it can be partially opened for holding fire over night; door has no lugs to break off and no pins to lose; best heavy cold rolled steel drum; roomy, sunken ash pit; large ash pit door with screw draft register; wide flat cast iron fire pot rings; all bolts, in parts which are exposed to the fire, are placed outside the stove and cannot burn off. Will hold fire over night. We built this stove for heating our own foundry buildings.

Station Jewel

For Railroad Stations, etc. Burns Any Kind of Fuel.

Number		Floor Space	Weight	List	Code
14	Diameter of Fire Pot, 14 in.	24 x 24	200	**$29.25**	Jay
17	" " 17 "	26 x 26	220	**35.00**	Jangle
20	" " 20 "	28 x 28	285	**43.75**	Janitor
20X	" " 20 " (With Extension Drum Top)	28 x 28	300	**49.25**	Jar

Details

Large feed door, with check damper; shaking and dumping grate, with poker door just above it; large bailed ash pan; upper and lower cylinders, extra heavy, and shaped to allow for expansion, without cracking; broad top chamber secures a large additional radiating surface, throwing the heat downward; nine-inch griddle opening. The large top throws heat downward. A stove that is extra heavy and strong throughout; made for railroad stations, depot offices, warehouses, and other places where stoves are subject to hard usage.

Western Jewel

Burns Any Kind of Fuel.

Number			Floor Space	Weight	List	Code
11	Diameter of Fire Pot, 11 in.		17 x 17	85	**$13.25**	Jargon
12	" " 12 "		18 x 18	100	**16.00**	Jasmine
13	" " 13 "		19 x 19	120	**19.25**	Jasper
15	" " 15 "		20 x 20	145	**22.75**	Jaunty
17	" " 17 "		22 x 22	175	**26.50**	Javelin
20	" " 20 "		24 x 24	215	**30.75**	Jaw

Details.

A cannon stove with all the latest improvements; griddle cover at the top; large coal feed door, with check register; shaking and dumping grate; large ash pit; draft register extending all around base of fire pot, admitting cold air equally to all parts of it at the same time, thus preventing the grate and fire pot from burning out. A sheet iron drum may be fitted to the top without an extra ring; full size ash pan.

Rex Jewel Cannon

Nos. 3, 4, 5 and 6

Burns any Kind of Fuel.

Number			Floor Space	Weight	List	Code
3	Diameter of FirePot,	8½ in.	15 x 15	35	**$6.25**	Jump
4	" "	9½ "	16 x 16	45	**7.75**	Jumper
5	" "	10½ "	17 x 17	55	**9.00**	Jumping
6	" "	11½ "	18 x 18	65	**10.25**	Junction

An improved Cannon stove; large, coal feed door, with check register; shaking and dumping grate; roomy ash pit; griddle cover at top.

Rex Jewel No. 62

Two Hole

For Coal.

Number		Floor Space	Weight	List	Code
62	With two 8-in. lids	18 x 18	80	**$10.00**	Monad
Oven, extra			40	**5.25**	Broad

Will hold six irons at top; suitable for cooking; top admits use of 8-in. pit bottom or 8 or 9-in. flat bottom wash boiler; stove provided with a deflecting plate, which throws heat to the front of the top.

Rex Jewel No. 64

For Coal. Four Hole.

Number	Holes	Floor Space	Weight	List	Code
64	Four 8 in.	17 x 17	90	**$12.50**	Reap

Will hold twelve irons on top; top will accommodate an 8-inch pit bottom, or 8 or 9-inch flat bottom wash boiler; suitable for cooking; has heavy, durable ring covers; heavy centers; cut long center; deflecting plate which throws heat to the front of the top.

Rex Jewel No. 68L

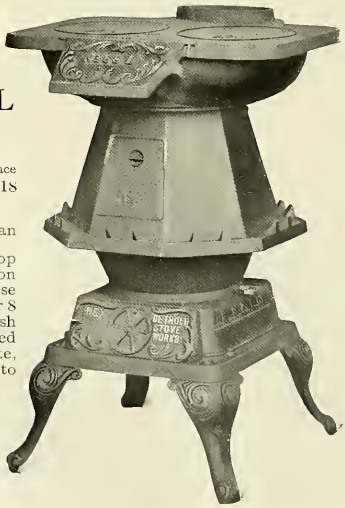
Laundry Stove.

Illustrated.

Number	Floor Space
68L Laundry Stove	18 x 18

Weight	List	Code
105	**$14.75**	Magellan

Holds six irons at top and eight laundry irons on sides; top admits of the use of an 8-in. pit bottom, or 8 or 9-in. flat bottom wash boiler; stove is provided with a deflecting plate, which throws the heat to the front of the top.



Rex Jewel No. 68T

Tailors' Stove.

Not Illustrated.

Number	Floor Space
68T Tailors' Stove	18 x 18

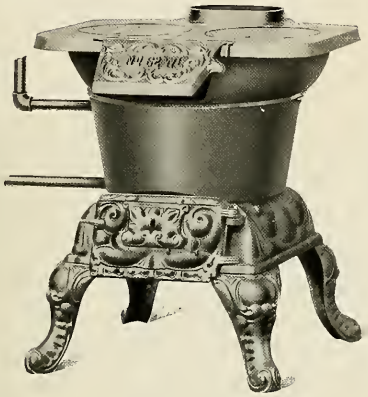
Weight	List	Code
115	**$17.25**	Wimple

Will hold six irons on top, and eight $11\frac{1}{2}$ in. tailor irons on sides; also suitable for cooking; stove is provided with a deflecting plate which throws the heat to the front of the top.

Rex Jewel Water Heating Laundry Stove

For Coal.

Number		Floor Space	Weight	List	Code
62W	Inside Diam. Fire Pot 11½ in.	18 x 18	120	**$22.00**	Extent
63W	" " " 13½ "	20 x 20	160	**25.00**	Extension



THESE are quick and powerful water heaters. Recommended where it is desirable to use a coal stove for heating water and for laundry purposes; and especially desirable in connection with a gas range. The fire pot is double and the water circulates around it. Connections with the pressure boiler can be made from the back.

Will hold six irons on top; also suitable for cooking; top admits of the use of an 8-inch pit bottom, or 8 or 9-inch flat bottom wash boiler; stove is provided with a deflecting plate, which throws the heat to the front of the top.

	No. 62W	No. 63W
Size of top	21x14 in.	22½x15 in.
Height from floor to top of stove	22¾ in.	24½ in.

Rex Jewel Water Heating Laundry Stove

THIS Laundry Stove differs from the stove shown above in that it has a more substantial and deeper ash pit, making it easy to remove ashes, and easily operated 3 bar revolving grate.

	No. 65W	No. 66W
Size of top	21x14	22½x15
Height from floor to top of stove	25 in.	26¾ in.

Can be set on floor without legs.

Number		Floor Space	Weight	List	Code
65W	Inside Diam. of Fire Pot 11½ in.	18 x 18	145	**$24.00**	Brigade
66W	" " " " 13½ "	20 x 20	185	**27.00**	Brigand

Rex Jewel Water Heating Laundry Stove

For Coal.

Number	Floor Space	Weight	List	Code
62WL	18 x 18	145	$25.00	Wand

Powerful Water Heater. The fire pot is double and the water circulates around it, converting it into a powerful water heater of large capacity. Connections with the pressure boiler can be made from the back.

Holds six irons on top and eight on side. Suitable for cooking. Top admits the use of an 8-inch pit bottom, or 8 or 9-inch flat bottom wash boiler. Stove is provided with a deflecting plate, which throws the heat to the front of the top.

Size of top..... 21x14 in.
Height from floor to top of stove.....32 in.

Number 85

Detroit Jewel Cast-Body Kitchen-Heater

For Burning Coke or Hard Coal
Illustration Shows Heater Attached to No. 10 Series Gas Range

Number	Weight	List	Code
No. 85 Kitchen-Heater with Gas-Igniter	160	**$26.50**	Bungo
Cast Water Front, extra	30	**7.50**	Buy
If desired without Gas-Igniter, deduct	10	**3.50**	Buxom

MEASUREMENTS

Height of Heater (without legs)	20½
Top Surface	24 x 12½
Fire Box	7 x 9 x 16

Legs allow adjustment of height of heater from 25 inches to 36 inches.
Can be attached to any Gas Range or used alone.

Cottage Jewel

Diving Flue Base Burner

For Wood Only.

THE Cottage Jewel Wood Heater is a handsome, well made parlor stove. It has a grate of the best shaking and register pattern, operated from outside by a shaker. Roomy ash pit with large bailed ash pan easily removed through lower end door.

The Diving Flue
is a feature of this stove. The down draft in front of stove spreads at bottom, heating the entire base, making the stove an effective base heater.

Smoke Damper
operates automatically when feed door is opened and prevents smoke rushing out. Drop smoke apron inside feed door.

Screw Draft Air-Tight Register
in base gives control of fire. All fitting faces are ground to fit air-tight.

Mica Front
gives cheerful illumination. Mica frame is easily removed.

Castings
are made from Kemi-test iron and all plates are built on a curve to prevent cracking.

Griddle Top
Below handsome openwork swinging cover is a loose top which can be used to feed wood if desired. Top has seven-inch griddle hole, convenient for heating water, cooking, etc.

Nickeled Parts
Foot rail. Screw draft damper. Front panel. Swinging cover. All the nickeled parts are very beautifully designed.

Cottage Jewel

With Shaking Grate and Ash Pan.

Diving Flue Base Heater. For Wood Only.

Number		Floor Space	Weight	List	Code
821	For 21-in. firewood	21 x 26	215	**$32.50**	Buttal
823	" 23-in. "	22 x 28	245	**37.50**	Butter
825	" 25-in. "	23 x 30	290	**42.50**	Buttercup

For further details see preceding page.

Acme Jewel

Cottage Stove. For Wood Only.

Number		Floor Space	Weight	List	Code
19	For 18-in. firewood	18 x 22	100	**$14.75**	Labrador
21	" 20-in. "	19 x 24	120	**17.00**	Labial
23	" 22-in. "	20 x 26	140	**19.00**	Laboratory
25	" 24-in. "	21 x 28	150	**21.25**	Labyrinth

Details. Its elegant rococco carving makes the Acme Jewel the handsomest cottage stove on the market. Handsome nickeled foot rail. Attractive spun metal urn. Large, tight-fitting fire door admitting very large pieces of wood. Open work swinging cover. Large, loose top plate, with griddle cover. Tight fitting screw draft register. Heavy fire back. Perfect control of fire. All parts tightly fitted, making the stove an excellent fire keeper.

Woodstock Jewel Heater

An Oval Steel Body, Air-Tight Heater of the Highest Grade

124 Series—With easy shaking Grate, Ash Pan and Ash Pit.
24 Series—Without shaking Grate, Ash Pan and Ash Pit.

For Wood Only.

THESE heaters are exceptionally well made. They are quick heating and durable. Three features that will appeal at once to buyers are: (1) the heavy castings—bottom door and frame and top; (2) the heavy sectional cast linings; (3) the careful mounting of the steel body by which all joints are made air-tight and all parts are assured ample protection from the heat. These points mean great durability and maximum service.

Except for the items mentioned above the 124 series and the 24 series are identically the same.

Body

is made of heavy blue planished steel which has a highly finished surface. Requires no blacking and is easily kept clean.

Handsomely Modeled Cast Front

gives the stove greater rigidity and adds to its appearance. Steel body is connected with the top and bottom castings by an improved air-tight joint.

Heavy Cast Linings

extend half way to the top of the stove and protect the steel body from the direct action of the fire.

The Fire Chamber

extends full length and breadth of the stove and will accommodate large chunks of wood.

Large Feed Door

with swinging cast smoke curtain which keeps smoke from escaping when feeding the fire.

Improved Self-Acting Handle

automatically locks the feed door when pushed against the catch.

Swinging Top

with sliding cover for feeding fuel through the top of the stove or for heating kettles or other utensils.

Screw Draft Register

in ash pit door and check damper in back of stove insures perfect control of fire.

Back Pipe Collar

furnished when desired for fire-place connections.

Feed and Ash Pit Doors

carefully ground and fitted, making the stove practically air-tight.

Nickeled Parts

Very ornamental swing cover. Handsomely designed detachable foot rail. Steel band around top of stove. Door handle. Screw draft register and hearth. Attractive nickel and gilt urn.

Draw Center Grate

is provided on 124 Series, which drops ashes into a roomy ash pit, fitted with bailed ash pan below fire chamber, a feature which will be readily appreciated by buyers. The fire bottom is made with depressions and ridges which hold a layer of ashes to protect the castings and the floor.

Woodstock Jewel

Wood Air Tight.
With Large End Feed Door, Draw Center Grate, Ash Pit and Ash Pan.
For Wood, Knots, Corn Cobs, Shavings, etc.

Number	Feed Door Opening	Length of Wood Taken	Weight	List	Code
124	11½ x 14	22-in.	190	$33.75	Brand
126	11½ x 14	24 "	195	37.50	Brandish

Large draw cover top on each stove for feeding fuel in addition to feed door.
The Woodstock Jewel Heaters of this series are exceptionally attractive in design and being made with draw center grate and ash pit with bailed ash pan, they are especially desirable. For full description see page 169.

Woodstock Jewel

Wood Air Tight
With Large End Feed and Ash Pit Door.
For Wood, Knots, Corn Cobs, Shavings, etc.

Number	Feed Door Opening	Length of Wood Taken	Weight	List	Code
24	11½ x 14	22 in.	155	**$28.75**	Eureka
26	11½ x 14	24 "	170	**31.25**	European

Large Draw Top Feed Cover on each Stove in addition to Feed Door.
For full description, see page 169.

Woodland Jewel

With Large End Swing Feed Door.
For Wood, Knots, Peat, Chips, Corn Cobs, Shavings, Etc.

Number	Size of Body	Length of Wood Taken	Weight	List	Code
322	16 x 22	20-in.	100	**$17.00**	Ocean
325	18 x 25	23 "	120	**19.50**	Obscure
If wanted with Cast instead of Steel Linings, add			20	**2.25**	Evolution

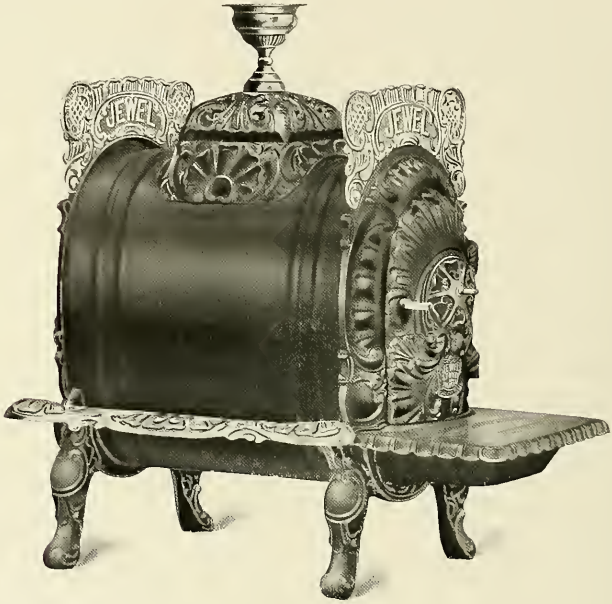
Details. Blue planished steel body. Heavy steel linings, easily removed. Large combination swing-off top and cover. Cover extra large. Rods protected by being placed between the linings and the outer drum. Inverted pipe collar prevents creosote from escaping to the top of the stove. Hot blast, air-tight draft register, operated by a screw, can be held in any desired position, to admit any desired amount of air. Inner guard, providing for down draft. Handsome cast top plate and cast end. Strong, durable, curved cast base. Large end feed door. Attractive spun metal urn. A very quick heater and very economical. Can be furnished with back collar for fireplace flue connections, also with cast linings, if so ordered.

Oakland Jewel

Out-Draft. For Wood.

Number		Size of Body	Length of Wood Taken	Weight	List	Code
322		22 x 15	21-in.	60	**$9.00**	Custard
325		25 x 15	24 "	65	**10.50**	Custodian
422	Door	22 x 15	21 "	65	**11.25**	Awning
425	"	25 x 15	24 "	70	**12.75**	Awry
Nickeled Foot Rails, extra				10	**2.00**	Cognizant
Reducing Ring and Lid under Swinging Cover, extra				10	**1.25**	Cognomen
Cast Iron Lining, extra				20	**2.25**	Evolution

Details. Heavy cold rolled steel body and bottom, with double seam joints. Portable legs. All cast top with cast swinging cover, exposing large wood feed opening. Check damper in pipe collar. Hot blast down draft with screw register. Hot blast tube, remains in place when ashes are removed. Door for removing ashes. Back collar for fire place flue connections, if so ordered.



Jewel Todd

A Full Revertible Flue Stove.
For Wood Only.

Number	Length of Wood Taken	Floor Space	Weight	List	Code
226	26-in.	20 x 24	195	**$30.00**	Curt
229	29 "	21 x 26	205	**31.25**	Curtail
232	32 "	22 x 28	220	**32.50**	Curve

Details. Revertible sheet flues, rightly proportioned to insure perfect combustion. Extra large end door. Extra heavy cast linings, corrugated, easily removed. Swinging cover, with griddle under it. Smoke curtain, preventing escape of smoke when the feed door is thrown open. Screw draft register in feed door. All parts tightly fitted. Inner guard, which provides a down draft, greatly aiding combustion. Check damper near the pipe collar. Deep ash pit, fully exposed when the sliding hearth is drawn out. Attractive spun metal urn. Two fine nickeled crown pieces. Elegant nickeled foot rail.

Jewel Steel Box Stove

Swing Top. For Wood.

Number	Length of Wood Taken	Body of Stove	Weight	List	Code
22	22-in.	22 x 13½	70	**$11.25**	Sedate
25	25 "	25 x 15½	80	**12.50**	Sedately
28	28 "	28 x 18½	100	**13.75**	Sediment

Details. A strictly first-class Jewel Quality Steel Box Stove. Cast iron bottom sunk and paneled to prevent cracking. Tight fitting ash and draft door. Best grade cold rolled smooth steel body with cast inside protection strips at bottom. Swing cover with lids. Check damper in pipe collar. Handsomely carved smooth castings, and the very best stove in its class.

Herald Jewel Box

Close Top. For Wood.

Number		Floor Space	Weight	List	Code
18	One 6-in. Boiler Hole	18 x 18	60	**$6.75**	Legation
22	Two 7 " " "	19 x 23	75	**9.75**	Legend
25	" 7 " " "	20 x 28	80	**11.00**	Leghorn
28	" 8 " " "	22 x 31	105	**12.75**	Legible
31	" 8 " " "	23 x 33	110	**14.50**	Legion
35	" 9 " " "	25 x 37	140	**18.75**	Legislator
38	" 9 " " "	26 x 39	150	**20.75**	Legitimate

Details. All plates are curved to prevent cracking. End door full size of stove, admitting large wood and doing away with any necessity for a light door frame. Sides of the two largest sizes are made in two sections. Well fitted, smooth castings. The number indicates the size of wood taken.

Sun Jewel

Wood Air Tight.

For Wood, Knots, Chips, Corn Cobs, Peat, Shavings, Etc.

Number	Size of Body	Length of Wood Taken	Weight	List	Code
19S	14 x 19	19-in.	20	$2.50	Willowy
19	14 x 19	19 "	25	4.00	Coincidence
21	15 x 21	21 "	30	5.00	Coiner
25	16 x 25	25 "	35	6.25	Colander
Nickeled Foot Rails, extra, per pair			15	2.00	Observant

Sun stoves are crated in pairs. If ordered single add 15 cents net.

Details Cold rolled, Bessemer smooth steel body lined. Hot blast down draft. Cast draft regulator, tightly fitted. Check draft in pipe collar. Very large, top hinged cover. Portable legs. A quick heater, low in price and better made than most stoves of this class.

No. 19S Sun is single body or unlined, without hot blast down draft. The cast draft regulator is placed near the bottom, the cover is not hinged, and it has no check draft in pipe collar.

Sun Jewel

Wood Air Tight.

For Wood, Knots, Chips, Corn Cobs, Peat, Shavings, Etc.

Number		Size of Body	Length of Wood Taken	Weight	List	Code
119	Small	19 x 13	19-in.	35	**$6.00**	Custody
121	Medium	21 x 15	21 "	55	**7.25**	Customary
125	Large	25 x 18	25 "	65	**8.75**	Cuticle
Nickeled Foot Rails, extra, per pair				15	**2.00**	Observant

Sun stoves are crated in pairs. If ordered singly, add 15 cents net.

Details. Wellsville blue steel body, with heavy steel linings full height of the body. Hot blast draft and spark arrester. Castings smooth, tightly fitted, neatly carved. Improved draft box with screw draft inside the sliding damper. Swinging ash door, positively air tight. Check draft in pipe collar. Linings removable and easily replaced. Perfect control of fire. Large hinged top cover. Attractive top ornament. This stove will warm a room almost instantly.

Jewel Farmers' Boilers

A Specially Designed Furnace for Boiling or Cooking

Two Styles. For Wood or for Coal.

THEY are the best made and most satisfactory boilers manufactured and are suitable for the requirements of farmers, butchers, hotels, restaurants, manufacturers of soap, varnish, etc.

For cooking feed for stock, heating water, rendering lard, making soap, sugar, boiling clothes, etc., they are especially adapted and will give the best of satisfaction.

The fire box and base of the boiler is made from cast iron and the upper section above the furnace is heavy cold rolled steel in all sizes except the No. 90, which is cast iron throughout. This plan of construction combines great durability with lighter weight and eliminates the danger of cracking parts while in use or breakage in transit.

They can be connected to a chimney flue, or be operated outside if desired, by simply adding a joint or two of pipe to give the necessary draft.

Two styles are manufactured, one for burning wood and one for burning coal. The wood series have large, roomy fire boxes with heavy cast sides and sunk bottom to keep ashes from falling out when feeding the fire. The fire box door is fitted with draft slides and a cast curtain deflects the air downward to the base of the fuel.

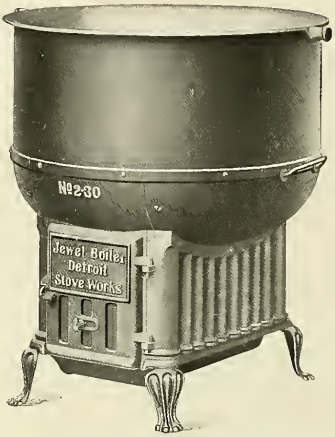
The coal series have fire brick lined fire boxes and bar grates, otherwise the construction is similar to the wood burning patterns.

The heat from the fuel ascends from the bottom of the caldron and spreads to the circulating chamber on all sides of it, thus the greatest value of the products of combustion are utilized before escaping into the chimney flue.

The caldrons are made from Jewel Kemi-test metal, which makes the castings smooth, durable and instantly susceptible to the influence of the heat. They are well proportioned and can be removed from the furnace if desired.

If a cast front hearth is desired, it can be furnished as illustrated for $1.25 list, extra. However, the hearth is unnecessary, as the boilers are either placed on the ground outside or set on protected floors inside. The omission saves floor space and avoids annoying breakage which often results in shipping. To attach it, cast lugs are provided so that it may be instantly hooked into place.

Hearth Plate



Jewel Farmers' Boilers

Furnace and Caldron Complete.

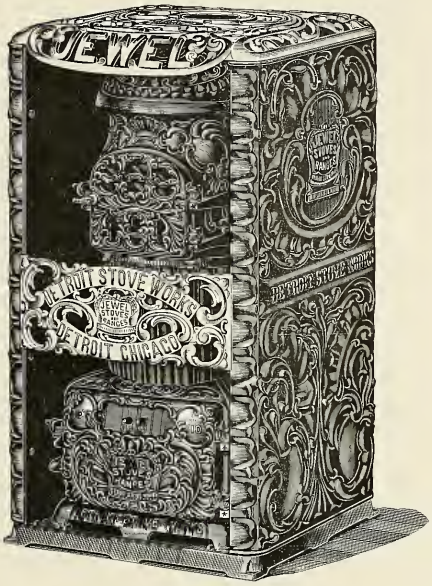
Number	Capacity of Caldron	Weight	List	Code
	FOR WOOD.			
2—22	22-gal.	195	**$26.25**	Wade
2—30	30 "	225	**31.25**	Wadding
2—45	45 "	285	**40.00**	Waddle
2—60	60 "	365	**50.00**	Wry
90	90 "	625	**85.00**	Mad
	FOR COAL.			
2—22	22 "	245	**32.75**	Waft
2—30	30 "	280	**39.50**	Wag
2—45	45 "	340	**49.00**	Wager
2—60	60 "	460	**59.00**	Waggish
90	90 "	810	**97.50**	Magistrate
Hearth, extra			**1.25**	Brawler

Caldrons

For Jewel Farmers' Boilers.

Capacity of Caldron	Weight	List	Code
22-gal.	65	**$8.00**	Malabar
30 "	80	**11.25**	Malady
45 "	100	**15.50**	Malay
60 "	160	**20.00**	Malediction
90 "	230	**33.00**	Malefactor

Made from the best grade Pig Iron, smooth, thick and durable.



Jewel Street Car Heater

All Cast Iron. For Coal or Coke.

Number		Weight	List	Code
20	Stove only	100	**$20.00**	Odeon
20	Stove with Asbestos and Steel Lined Cast Casing	210	**32.50**	Objective
Pipe, Damper, Elbows, Chimney and Collar, extra		25	**10.00**	Cutler
Seat Frame, if desired to place stove on seat		20	**10.00**	Odin

The handsomest, most durable, and most economical street car stove ever built.

Has no sheet iron parts to rust or wear out.

Will outlast the life of a car.

Costs practically nothing for repairs.

Beautifully modeled.

Top plate nickeled and entire stove, case and linings aluminum finish.

Can be placed on the floor in middle or end of cars or on seat. For supporting weight and holding stove securely in seat, wrought iron frame can be furnished.

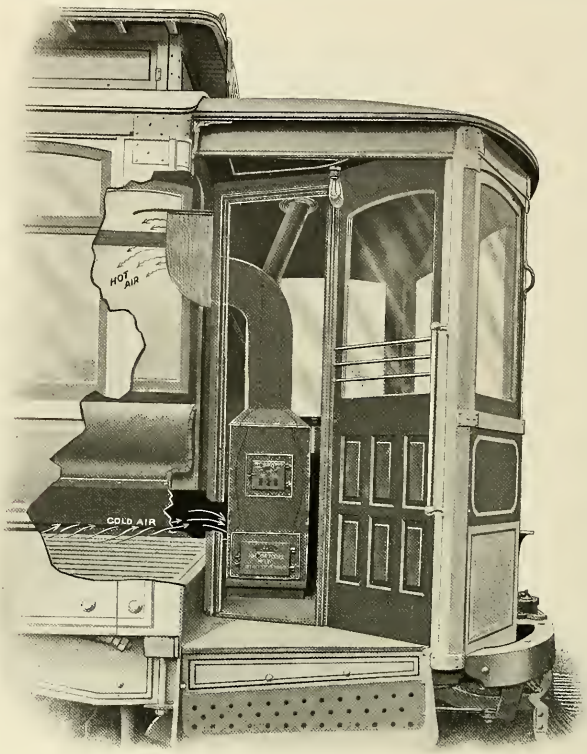
An ornament to the finest car.

A perfect operator.

Burns coal or coke.

Heats car of any size at about one-tenth the expense of electric heating.

If interested, send to us for further details and statistics on relative cost of heating street cars by coal stoves and other methods.



Jewel Street Car Furnaces

The Jewel Street Car Furnace is placed in the front vestibule of the car. This avoids the usual sacrifice of seating space, and confusion attending the feeding of the fire, and also warms the front vestibule. The No. 1 furnace consists essentially of a No. 20 Jewel Car Stove enclosed in an outer casing of galvanized iron. The No. 2 Furnace is a much larger and different construction designed for heating extra large cars.

Cold air is drawn from the floor of the car through slots in the seat front, passes into the furnace, where it is heated and discharged into the car through an opening high above the seat. The heated air, striking a curved hood, is deflected downward into the interior of the car.

Number		Weight	List	Code
1	Furnace only		$25.00	Ax
2	" "		35.00	Axial
1	Furnace and Casing	230	60.00	Elegy
2	" " "	300	75.00	Emanate
Pipe and Chimney		25	10.00	Axiom

Write for more comprehensive details.

Series No. 8-29

Detroit Jewel Paragon Combination Range

Gas Range combined with Jewel Paragon Steel Range

Number	For Manufactured Gas	Weight	List	Code
8—18	Combination Range with Canopy, as illustrated . .	825	**$180.00**	Bullish
9—18	Combination Range with Canopy, as illustrated .	825	**180.00**	Bulletin
Water Front in Coal Range, extra		30	**7.50**	Bullet
If wanted without Canopy, deduct $30.00 list, deduct 75 lbs. from weight				Bullion

Gas Section fitted for Natural Gas, extra $4.00 list.
Ranges for Manufactured Gas Shipped unless Natural Gas is specified.
For detailed description see our Gas Appliance Catalog No. 89 or write us.

JEWEL HOTEL STEEL RANGES

In the making of Jewel Hotel Ranges, durability has been the one great aim, because we realize that no class of cooking equipment is subjected to such hard usage and continuous strain. For this reason they have been specially designed and planned after diligent experimenting, for heavy work and to meet every requirement of a large hotel. The construction conforms closely with that standard which has been adopted after many years of experience in the largest and most progressive hotels, and approved by the celebrated chefs of the county. All unnecessary ornamentation has been omitted in our effort to produce just a plain, substantial, practical range easy to keep clean, and that will give perfect satisfaction.

Heavy Plate Steel Bodies

Only the best grade three-pass homogeneous wrought steel of extra heavy gauge is used in the bodies and ovens of the Jewel Hotel Ranges, which insures great durability and long life. Cone headed Norway iron rivets are employed throughout, which are driven cold by hand, making the bodies especially rigid and boiler-like in construction. The end flues, to prevent unnecessary external radiation of heat, are triple construction with inter-lining of asbestos millboard. The bottom edges are reinforced by heavy band iron firmly riveted to the steel plates and the ash pits and fire castings are bolted to the main body.

Large Ovens with No Dead Corners

Jewel Hotel Steel Range Ovens are made wide, high and deep. The flues are so arranged that the heat is evenly distributed to every part, making it possible to bake on the oven rack or bottom with equal success. The oven racks are made of bar steel of extra heavy weight, and two sets of guides are provided so that the racks can be adjusted to any desirable height.

The drop oven doors are made with unbreakable malleable iron frames and drop braces that will sustain any weight placed upon them. The doors open flush with the oven bottom, forming a convenient shelf, and the malleable handle is of such design that it always remains cool and easy to grasp. The door catches are made with graduated lugs allowing the door to be slightly opened in the event of the oven becoming overheated.

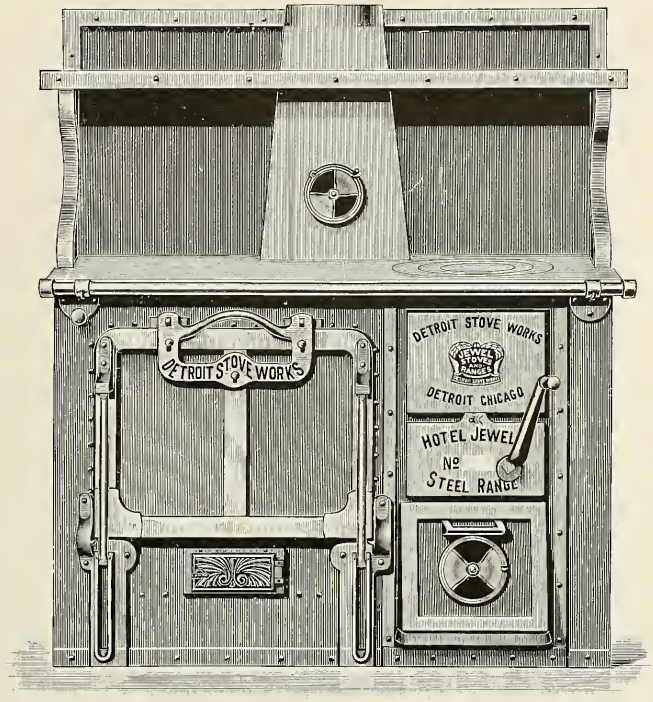
Trussed French Top Plates

Few manufacturers have been able to provide a top plate that will stand the intense heat of the fire without cracking or sagging. When made too light they will not withstand the fire and when made of sufficient weight to overcome this objection, they sag from their own weight when attaining a red heat. Continuous trips to the repair man and ceaseless annoyance has been the history of the ordinary range top. Not so with the Jewel. After exhaustive experimenting we have developed, not only the most efficient, but the longest lasting and most satisfactory top that has ever been devised. Its underside is trussed like a bridge, resulting in a top plate that is easily heated to intense heat without over-firing, of good weight and thickness to insure durability, and when heated there is no danger of its sagging or warping. When heated, iron expands, therefore the top plate sections are loose fitting so that when expanded after a few fires they fit snug and have not been forced out of place. The cover sectional key-plates, which are directly over the fire, are scientifically constructed to endure the enormous strain of the strong fire to which they are subjected. We have undoubtedly the most durable top ever placed on a hotel range.

Fire Boxes

Special attention has been given the construction of the fire boxes and grates, therefore the best results are obtained from a minimum consumption of fuel.

This is an important feature which many other makes of hotel ranges lack and one of the causes why Jewel Hotel Ranges are in such great demand in leading hotels, restaurants, etc., throughout the country

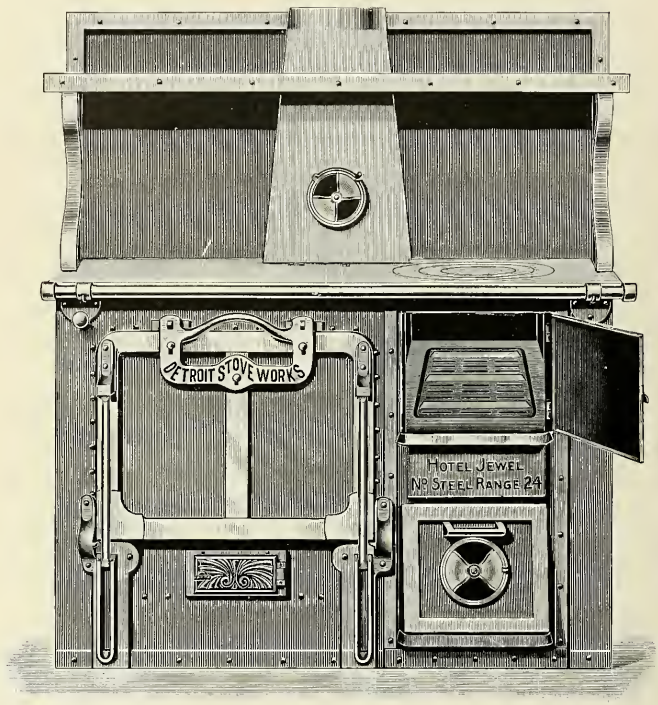


Jewel Hotel Steel Range

Style—Single Oven, Single-Fire Range with High Shelf.
For Hard Coal, Soft Coal or Coke.

Number	Weight	List	Code
5—23 Single Range without Shelf	1100	**$150.00**	Conversant
Single Shelf, extra	50	**12.00**	Convalescent
Double Shelf, extra	75	**20.00**	Conveniently
5—30 Single Range without Shelf	1200	**175.00**	Brickkiln
Single Shelf, extra	60	**13.50**	Convalescent
Double Shelf, extra	85	**22.00**	Conveniently
U Water Heater, extra	40	**18.00**	Angular

5—23 Oven, 23 x 28 x 16. Top, 4 ft. x 3 ft. 3 in. Height 31 in.
5—30 Oven, 30 x 28 x 16. Top 4 ft. 7 in. x 3 ft. 3 in. Height 31 in.
These Ranges can be furnished in batteries of as many sections as desired.

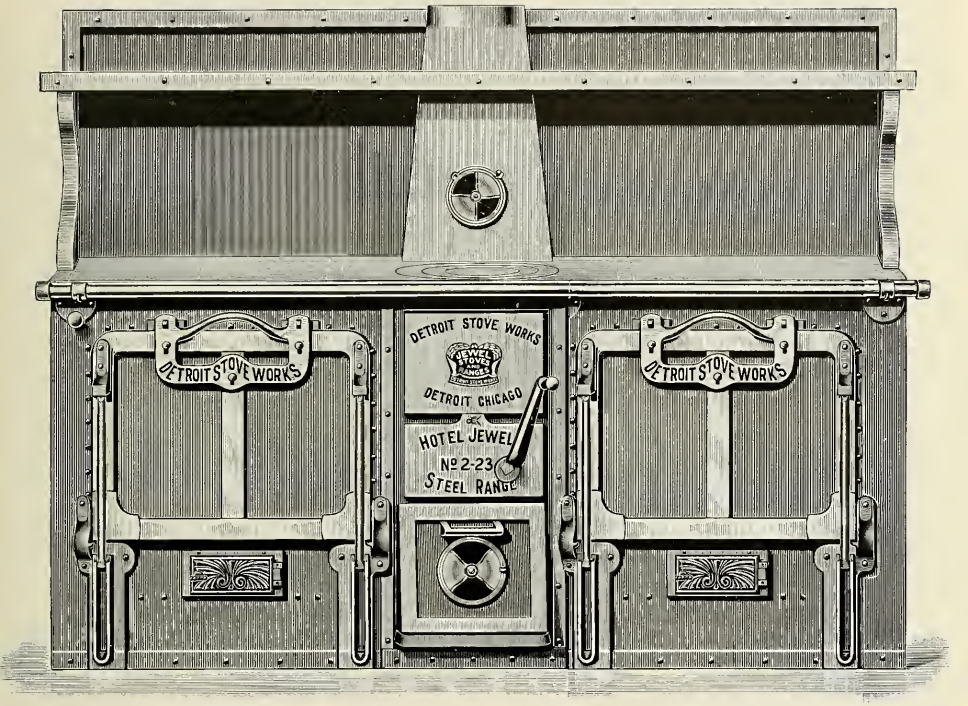


Jewel Hotel Steel Range

Style—Single Oven, Single-Fire Range with High Shelf.
For Wood Only.

Number		Weight	List	Code
6–23	Single Range without Shelf	1000	**$150.00**	Converse
	Single Shelf, extra	50	**12.00**	Convalescent
	Double Shelf, extra	75	**20.00**	Conveniently
6–30	Single Range without Shelf	1100	**175.00**	Bricklayer
	Single Shelf, extra	60	**13.50**	Convalescent
	Double Shelf, extra	85	**22.00**	Conveniently
	Coil for Water Heating	30	**18.00**	Brickmaker

6–23 Oven 23 x 28 x 16. Top 4 ft. x 3 ft. 3 in.
6–30 Oven 30 x 28 x 16. Top 4 ft. 7 in. x 3 ft. 3 in.
These ranges can be furnished in batteries of as many sections as desired.



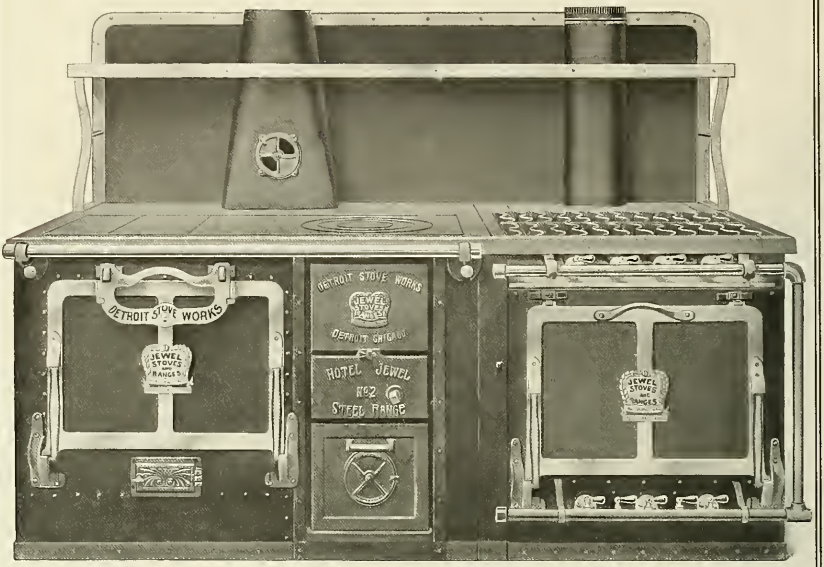
Jewel Hotel Steel Range

Style—Two Ovens, Single-Fire Range with High Shelf.
For Hard Coal, Soft Coal or Coke.

Number		Weight	List	Code
5-18x18	Range without Shelf	1300	**$200.00**	Conversion
Single Shelf, extra		75	**15.75**	Convivial
Double Shelf, extra		100	**30.00**	Converter
U Water Heater, extra		40	**18.00**	Angular

Ovens, each 18x23x16. Top, 5 ft.x3 ft. 3 in. Height 31 in.

This range can be furnished in batteries of as many sections as desired or can be combined with the 23 or 30-inch oven coal ranges or with the Jewel Gas Ranges shown on page 190.



Detroit Jewel Combination Hotel Range

We are prepared to furnish ranges in batteries consisting of any number of sections of our 18-23 or 30-inch oven coal ranges combined with any number of sections of our No. 24-32L or 24-33S Detroit Jewel Hotel Gas Ranges listed on this page.

To get the price of a battery add together the prices of the individual sections required to make the complete range.

Note.—The following prices are for the gas ranges only.

For prices and dimensions of coal ranges per section, see page 185.

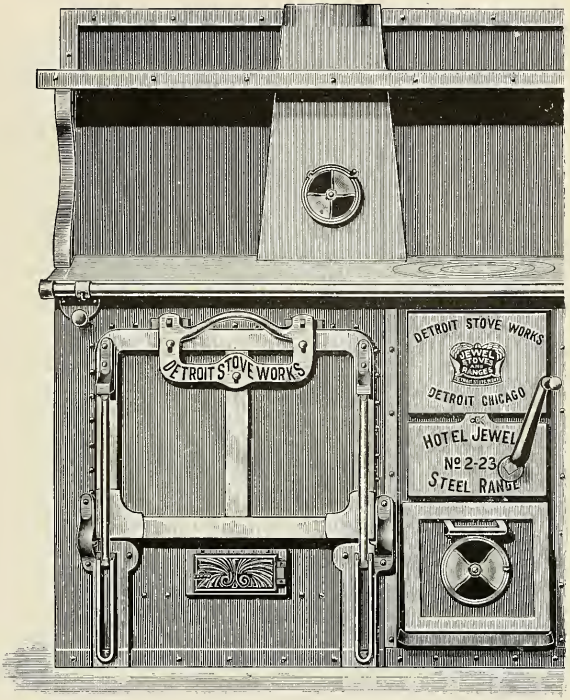
Detroit Jewel Hotel Gas Ranges

For Natural or Manufactured Gas

Number		Weight	List	Code
24-33L	Single Section less Shelf	425	**$135.00**	Fickle
24-33S	" " " "	400	**120.00**	Emphasis
Single Shelf per Section, extra		30	**11.00**	Convalescent
Double " " " "		50	**20.00**	Conveniently

Measurements, Nos. 24-33S and 24-33L Gas Ranges

Top surface, per section,	30 in. x 39 in.
Ovens	24 x 26 x 14 in.
Height	31 in.

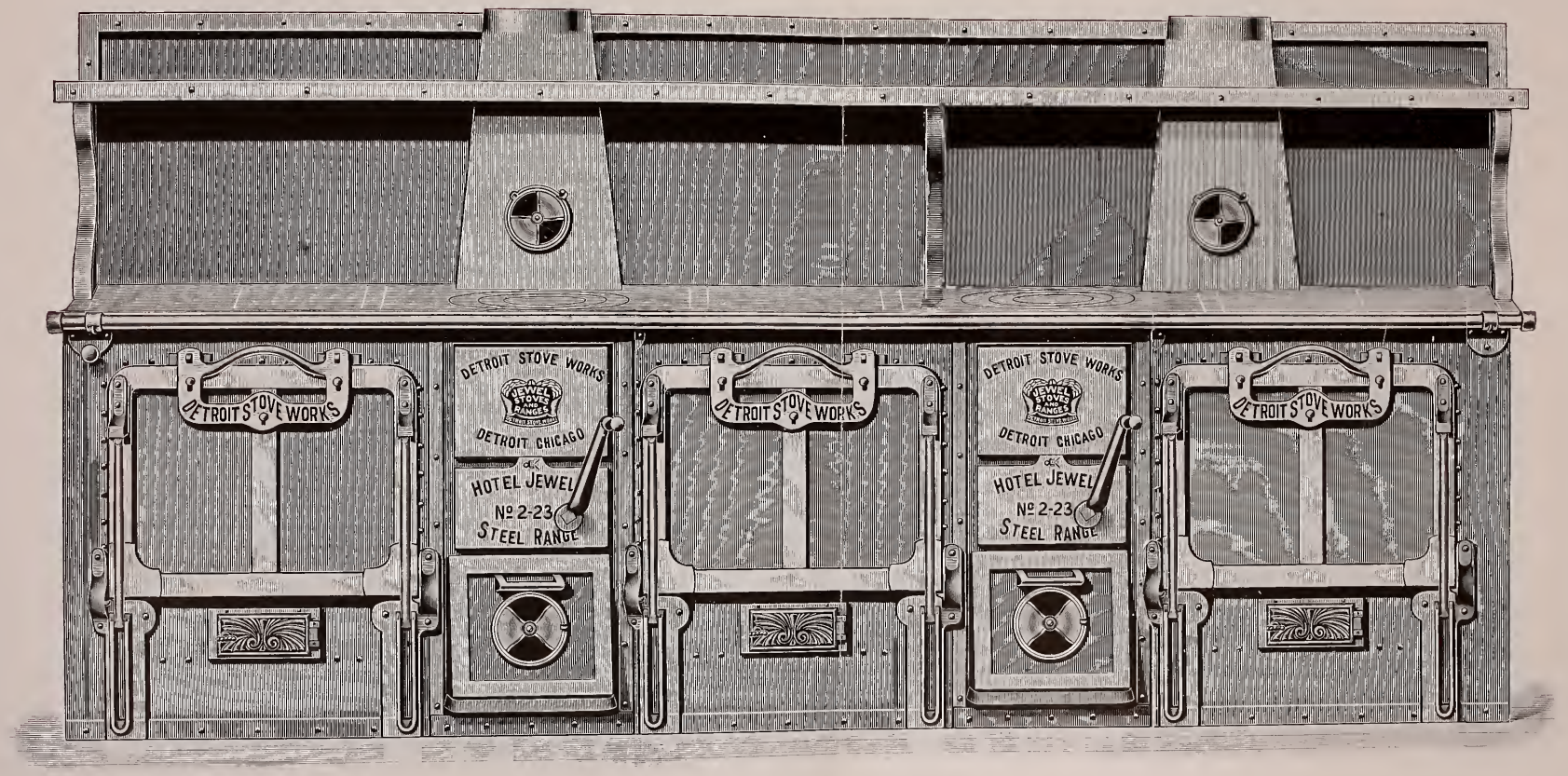


Jewel Ho

Style—Two Oven, Two-l
For Hard Coal,

Number
5—23 Double Section Range without Shelf
Single Shelf, extra
Double Shelf, extra
5—30 Double
Single Shelf, extra
Double Shelf, extra
5—23 and **5—30** One 23 in. Oven and One 30 in. Ove
Single Shelf, extra
Double Shelf, extra
U Water Heater, each, extra

For Dimensions of 5—

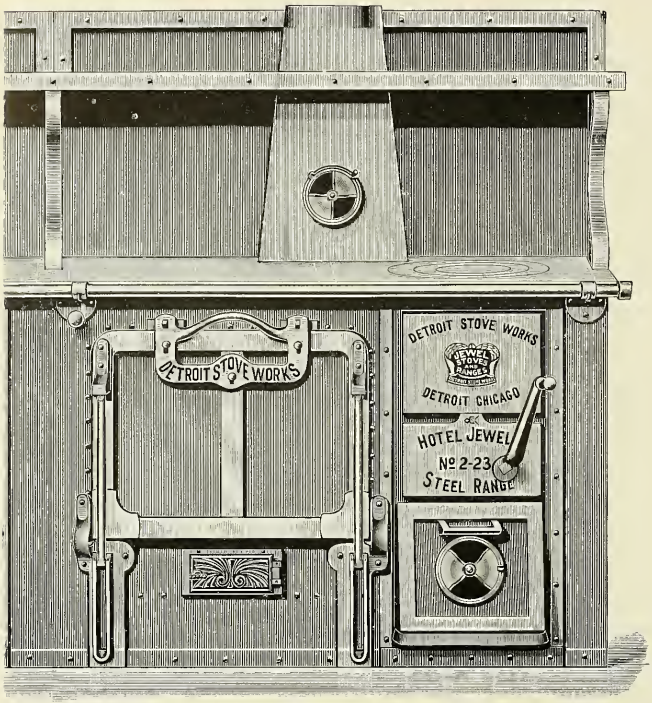


Jewel Hotel Steel Range

Style Illustrated—Three Oven, Two-Fire Range with High Shelf.
For Hard Coal, Soft Coal or Coke.

Number		Weight	List	Code
5—18 and **5—23**	Three Ovens, Two Fires without Shelf	2400	**$350.00**	Wave
Single Shelf, extra		125	**27.75**	Warden
Double Shelf, extra		175	**50.00**	Wearily
5—18 and **5—30**	Three Ovens, Two Fires without Shelf	2500	**375.00**	Bridal
Single Shelf		135	**29.25**	Buttonhole
Double Shelf		185	**52.00**	Wearily
U Water Heaters, each, extra		40	**18.00**	Angular

5—18 and 5—23 have Two Ovens, 18 x 18 x 16 and One Oven, 23 x 28 x 16. Top, 9 ft. x 3 ft. 3 in.
5—18 and 5—30 have Two Ovens, 18 x 18 x 16 and One Oven, 30 x 28 x 16. Top, 9 ft. 7 in. x 3 ft. 3 in.
Other Sections can be added if desired.



·tel Steel Range

Fire Range with High Shelf.
Soft Coal or Coke.

	Weight	List	Code
	2200	$300.00	Conversation
	100	24.00	Conveyed
	150	40.00	Convey
	2400	350.00	Bridegroom
	120	27.00	Conveyed
	170	44.00	Convey
a	2300	325.00	Bridemaid
	110	25.50	Conveyed
	160	42.00	Convey
	40	18.00	Angular

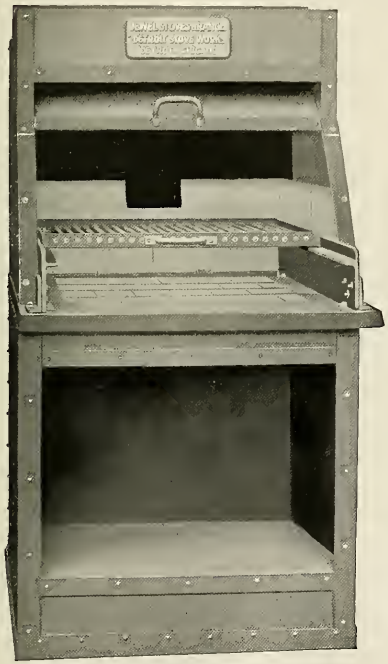
·23 and 5—30 Ranges, see page 185.

Jewel Hotel Steel Broilers

For Charcoal.

Number	Broiler Grate	Weight	List	Code
30	26 in.	524	**$109.75**	Clearly
36	32 in.	575	**122.25**	Cleave

These are the finest broilers ever placed on the market. They are made from the best grade of cold rolled steel, extra heavy, with all rivets driven cold by hand; have heavy broiler grates moving with little effort as they are mounted on rollers. The hearth is lined with brick tile and the curtain front is balanced so that it may be easily raised or lowered. The base or stand provides a roomy fuel receptacle.



No. 30.

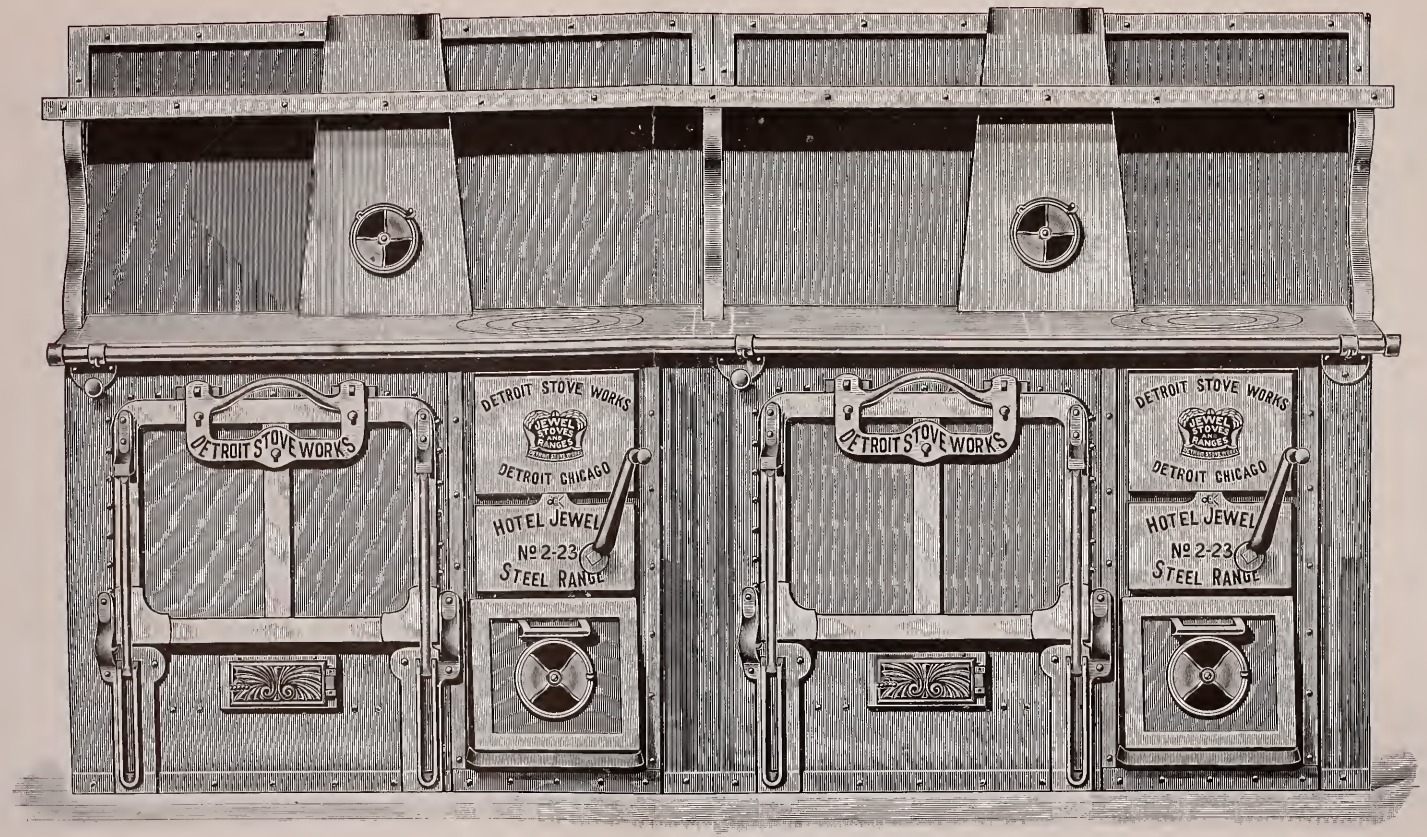
No. 24.

No. 24 Jewel Steel Broiler

For Charcoal.

Number	Weight	List	Code
24	275	**$53.75**	Alliance

Made from the best grade of cold rolled steel, hand riveted. The curtain is so balanced that it may be easily raised or lowered. The 24 inch gridiron is made of heavy wrought iron, and double tracks are provided so that it may be placed the proper distance from the fire. The base provides a large receptacle for the storage of fuel.

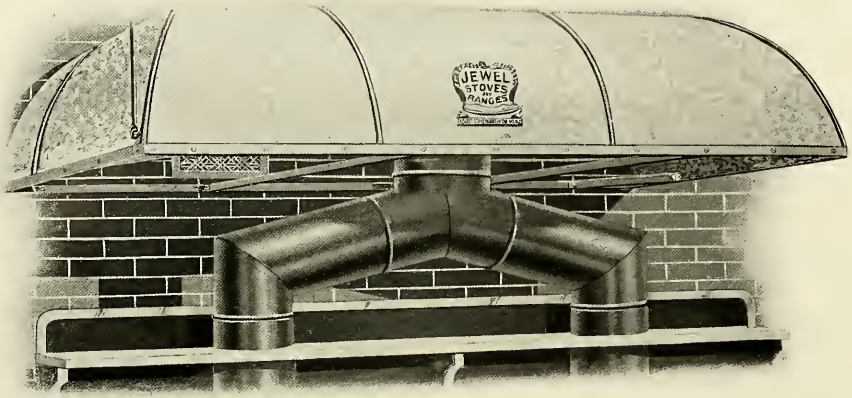


Jewel Hotel Steel Range

Style—Two Oven, Two-Fire Range with High Shelf.
For Hard Coal, Soft Coal or Coke.

Number	Weight	List	Code
5—23 Double Section Range without Shelf	2200	**$300.00**	Conversation
Single Shelf, extra	100	**24.00**	Conveyed
Double Shelf, extra	150	**40.00**	Convev
5—30 Double	2400	**350.00**	Bridegroom
Single Shelf, extra	120	**27.00**	Conveyed
Double Shelf, extra	170	**44.00**	Convey
5—23 and **5—30** One 23 in. Oven and One 30 in. Oven	2300	**325.00**	Bridemaid
Single Shelf, extra	110	**25.50**	Conveyed
Double Shelf, extra	160	**42.00**	Convey
U Water Heater, each, extra	40	**18.00**	Angular

For Dimensions of 5—23 and 5—30 Ranges, see page 185.

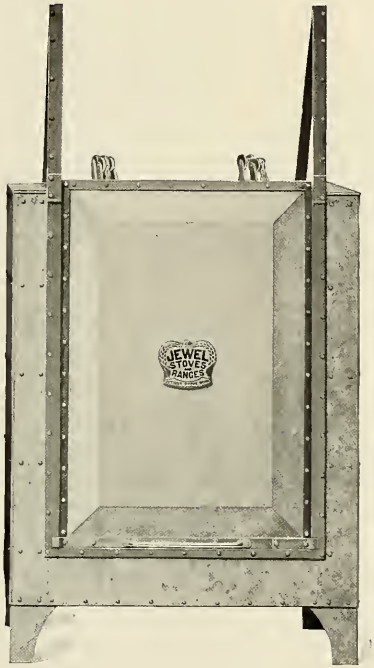


Jewel Canopy or Hood

Jewel canopies are as symmetrical and substantial as can be made. They are free from ridges, fret work or mouldings, which serve only as dirt catchers. The sheets forming the canopy are joined by means of tee irons, making a rigid and tight fitting joint. The bottom edge of the canopy is reinforced with heavy polished angle iron which prevents them from warping or getting out of shape.

Number	Length	Width	List Galvanized	Code	Blue Planished	Code
5	5 feet	4 feet	**$48.00**	Bridle	**$53.00**	Brier
6	6 "	4 "	**52.50**	Eye	**57.50**	Exemplify
8	8 "	4 "	**67.50**	Eyeglass	**74.50**	Exemplifying
10	10 "	4 "	**82.50**	Eyelet	**91.50**	Exemplary
12	12 "	4 "	**97.50**	Brief	**108.50**	Briefly

Prices on other sizes quoted upon request.

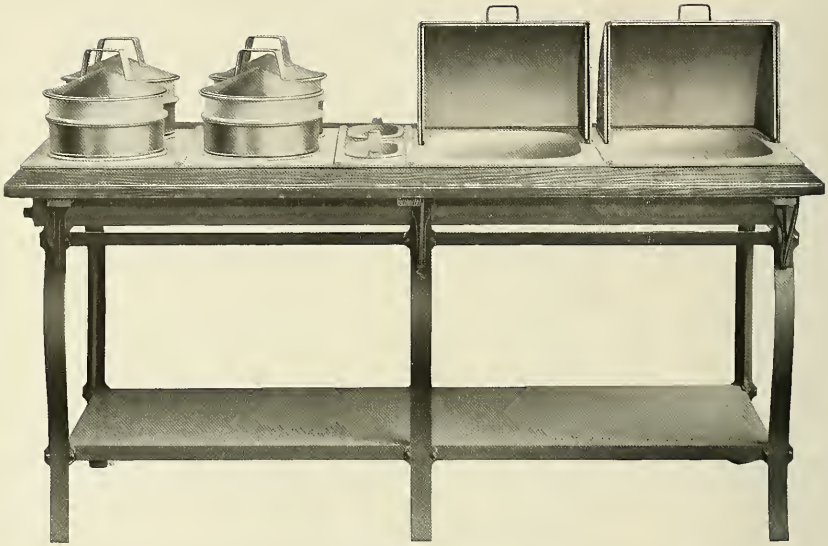


Jewel Dish Warmer

Number		Width	Depth	Height	Weight	List	Code
1	Single	36	24	48	300	**$94.00**	Workman
2	Single	42	24	52	375	**117.00**	Workmanlike
10	Double	72	24	48	600	**188.00**	Workshop
20	Double	84	24	52	740	**234.00**	World

Body and shelves made of heavy galvanized iron. Door slides and is balanced by weights, making it easily operated. Can be furnished with horizontal sliding doors if so ordered.

The coils for steam heating are galvanized, and are suspended beneath each shelf.



No. 24, with Telescope Covers

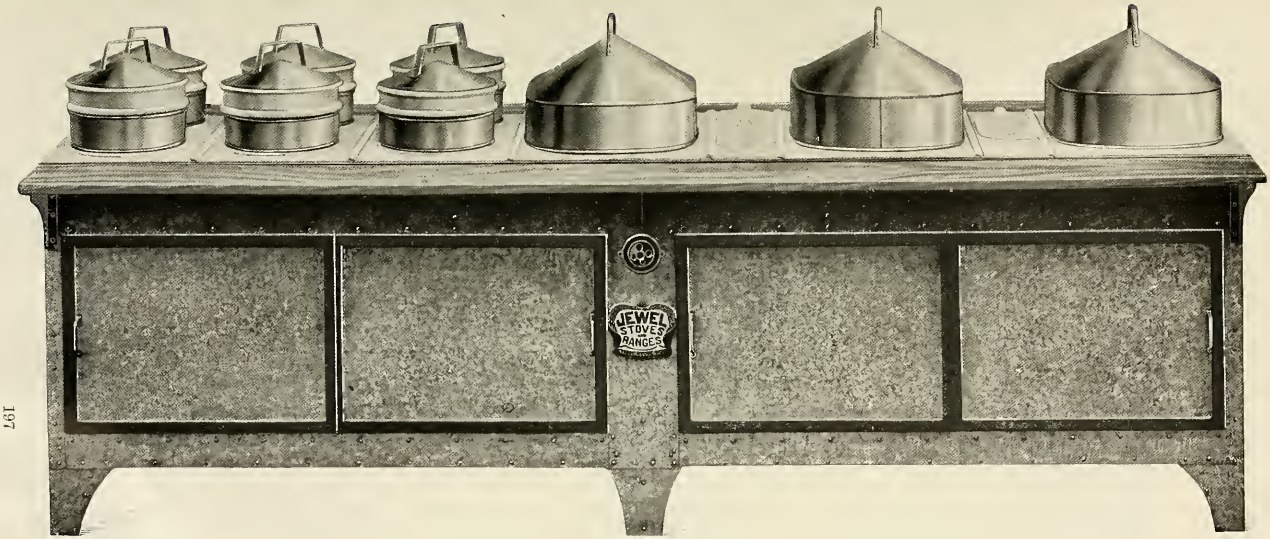
Detroit Jewel White Enameled Cast Iron Top Steam Tables

Number	Length Feet	Length Inches	Meat Platters	Veg. Jars	Sauce Small	Sauce Large	List	Code
12	3	1	1	2		1	**$133.00**	Extricate
22	4	6	2	2	2		**168.00**	Exude
24	5	7	2	4	2		**193.00**	Extempore
34	7	6	3	4	2	1	**240.00**	Extacy
36	8	9	3	6	2	1	**265.00**	Extatic

Tables 24 in. wide. Carving boards 9 in. wide, each.

Lists include fittings for steam or gas heating. For both steam and gas fittings, add $12.50 to $20.00 list extra, according to length of table. Specify in order whether Telescope or Imperial Covers are wanted. Imperial covers shipped unless telescope is ordered.

Tables as listed are equipped with Vitrified Stone Vegetable Jars. For White Enameled Cast Iron Jars add $4.50 list for **each** jar.



No. 36 C

Detroit Jewel White Enameled Cast Iron Top Steam Tables

Number	Length Feet	Length Inches	Meat Platters	Veg. Jars	Sauce Small	Sauce Large	List	Code
12C	3	1	1	2		1	$190.00	Extinct
22C	4	6	2	2	2		240.00	Extinguish
24C	5	7	2	4	2		280.00	Extort
34C	7	6	3	4	2	1	342.00	Extortion
36C	8	9	3	6	2	1	382.00	Extorter

Tables 24 in. wide. Carving boards 9 in. wide, each.
Lists include fittings for steam or gas heating. For both steam or gas fittings add $18.00 to $26.00.
List extra, according to length of table.

Jewel Warm Air Furnaces

NO department of our business has grown faster in the past few years than that devoted to the manufacture of Jewel Warm Air Furnaces. The reason is because the demand for warm air heating is increasing to a great extent in all parts of the country and the sales of Jewel Furnaces are growing by leaps and bounds.

The leading characteristics of Jewel Furnaces, from their inception to the present time, have been distinctive and up-to-date patterns, superior quality of material and high grade construction. To-day they are better than ever, with a larger variety of styles to select from and new and important features of interest to the trade.

Part of the great success of Jewel Furnaces is owing to the fact that our designers are capable and experienced and give their entire time and attention to this department of our business. The result is increasing yearly sales in all sections of the country.

The furnace department of our extensive business is entirely separate from the manufacture of stoves, with a full equipment for making the highest grade and latest improved patterns.

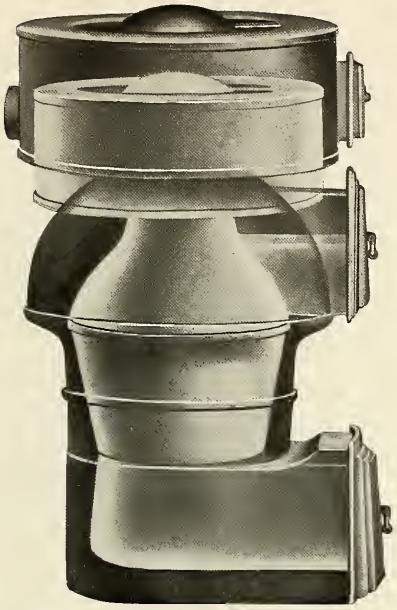
A noteworthy feature applying to our entire line is the quality of the iron used in the castings. The same mixture used in making Jewel Stove castings, acknowledged to be the toughest, longest lasting, smoothest, quickest radiating stove plate made, is also used in Jewel Furnaces. Owing to the weight of the castings in furnaces some manufacturers give little or no attention to the quality of the iron. Often the most inferior grade of pig iron and scrap is used, resulting in rough, porous and brittle castings which fire-crack, and are deficient in heat transmitting quality.

On the following pages are shown a variety of styles to suit all conditions and needs. Careful comparison of the Jewel with other makes will show more good points in the Jewel than any other line of furnaces on the market.

Special information relative to any of our furnaces not given in the catalogue will be promptly furnished by our Furnace Department.

The service of our engineering department is at the command of those desiring special information regarding adjustments, estimates, etc.

Our special catalogue of Jewel Furnaces mailed on receipt of request.



An Interesting Comparison

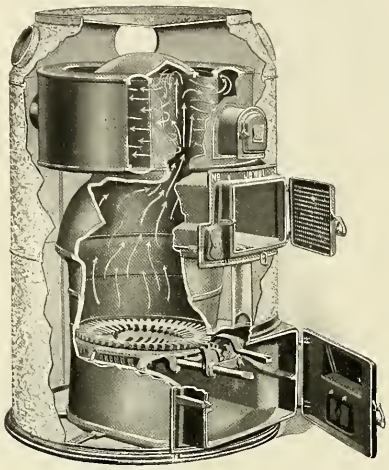
The cut appearing on this page accurately shows the great difference in the general construction of the Jewel and other furnaces having return flue radiator.

Notice the great difference in shape and size of domes, fire pots and ash pits shown in above cut.

The absence of the correct relative proportion that must necessarily exist as between combustion domes, fire pots and grate area, if good results are expected, is quite conspicuous in most furnaces.

Abnormally large domes are not desirable for the reason that the surface of such domes is not so poised or sufficiently near the live fire to effectively receive and radiate the direct rays of heat. The small or cramped domes are deficient in that they do not provide sufficient area for the expansion of gases of combustion or present a large area of radiating surface to the direct rays of heat. Jewel combustion domes are in correct proportion to the other parts of the furnace; hence perfect results are obtainable.

Notice the small ash pit, the slanting firepot, the small radiator and cramped combustion dome of the other make of furnace. If you could set these furnaces side by side, is there any question as to which you would choose? Where quality, size and efficiency are considered, the Jewel will be selected.

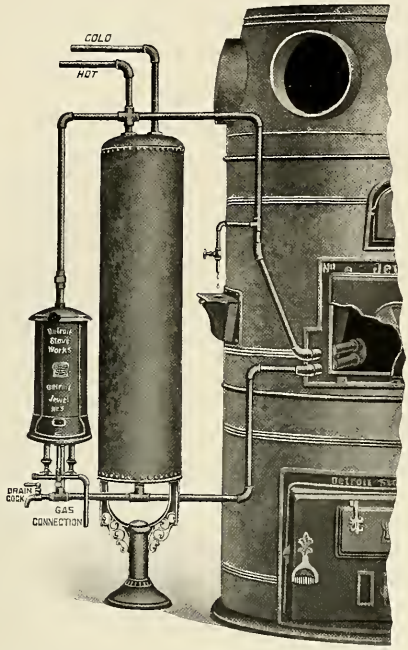


Details of Jewel Furnace Construction

The above cut correctly illustrates the details of Jewel Furnace construction. Notice the large roomy ash pit with its extra large door. Notice the grate, how strong and simple the construction; made without the use of a bolt or rivet. How easily it can be removed through the ash pit door should occasion arise to do so. With ordinary care it will last a lifetime.

Notice the deep straight fire pot with its flanged top and the Jewel overhanging combustion dome. Notice the large firing door (fourteen inches wide), and a pocket at the side to accommodate a water coil when it is desired to use one. Notice the dust damper just inside the firing door. Open it when shaking the grate and the draft will prevent fine ashes from escaping from the ash pit into the basement. Notice the large inner dome of the radiator; how it is poised directly over the fire, exposing a large area of self cleaning radiating surface to the direct action of the fire. Notice the large free opening of the flues of the radiator. Notice the absence of down drafts, abnormal indirect surface and other impractical features which affect combustion and detract from rather than adding to the heating effect.

No details that will add to economy, convenience and comfort are omitted in the Jewel Furnace construction.



Showing Jewel Vapor Pan and Water Heater Connected

Notice how water can be supplied, a drop at a time.

An especially important feature in Jewel construction, which is generally overlooked by the makers of other furnaces and is entirely ignored by boilermakers, is provision for constantly maintaining the desirable humid condition of the air. We illustrate in the cut on this page, together with other features, the Jewel vapor pan.

Any ordinary valve can be used to regulate the supply of water. Should the water be supplied to the pan faster than it vaporizes and the pan become filled it will overflow on the outside of the casing.

Where city water is not available for use a galvanized iron tank that will answer the purpose can be made by any sheet metal worker.

The tank must have a regulating valve in the bottom and be not less than three or four gallon capacity and made so that it can be fastened to the furnace casing above the vapor pan.

The provision for the introduction of coils for heating the domestic supply of water during the season when the furnace is in use is a Jewel specialty worthy of note.

These coils may be placed any time after the furnace has been erected and without drilling castings or cutting the casing. The pocket to accommodate the coil will be seen at the lower left-hand corner of the firing door frame by referring to the cut on page 200.

When gas is available for use, a Detroit Jewel gas water heater can be connected, as illustrated above, for heating water during the season when the furnace is not in use.

Jewel Ball Bearing, Double Acting Grate

THE double acting, ball bearing Jewel Grate is the strongest, simplest and most efficient grate in the world. It can be operated with the greatest ease, requires no poking and does not waste fuel.

The clinker cutting duplex bars are especially substantial and adjusted so they are easily operated. Turning one quarter revolution removes the ashes and clinkers from center of bed of fuel.

With this grate you can shake the ashes from the outside of the bed of fuel without disturbing its center, hence, the livest fire is next to the fire pot, just where you want it. This is something that cannot be done with other grates. Every other make of grate breaks up the center of the fire and leaves the dead ashes on the outside. Good results are impossible with any furnace with dead ashes banked against the fire pot.

Having no bolts or rivets in it and being easily removed through the ash pit door, repairing, should it become necessary, is easily done.

Jewel Duplex Ball Bearing Grate

The annular shaking ring rests on ball bearings. This departure from the old style method which necessitated much effort and strain due to the friction caused by the weight of the fuel in the fire pot, will be readily appreciated and is a distinctive feature that has met with universal favor by Jewel Furnace users. A slight movement of the shaking ring right and left frees all ashes from the sides of the fire pot, allowing the transmission of its maximum heat.

The openings in the grate are of such size as to admit sufficient air to make perfect combustion, and so arranged that fine coal can be used without wasting into the ash-pit when the grate is operated, which is impossible with any other grate made.

The Jewel Sectional Fire Pots

No part of a furnace is more important than the fire pot. In fact, exactness in form and size is necessary to good, economical results. The Jewel fire pots are correctly proportioned in relation to the rest of the furnace. They are from two to four inches deeper than ordinary fire pots and are perpendicular in form so the ashes cannot cling to them. They are heavy enough to withstand the intense heat to which they are sometimes subjected, yet not so heavy as to prevent free radiation. They are provided with expansion joints to relieve the strain of expansion which causes other fire pots to crack.

Jewel Furnace Fire Pots are made almost perpendicular, in two heavy cast sections divided in the center and set in deep cup joints which allow for expansion without danger of cracking, thus making them practically indestructible. These castings are made from the best grade of pig iron, without scrap, insuring long life and service, as they are free from defects, and are not, as many others, porous, brittle or rough.

Their extra deep and roomy construction makes it possible to place in them sufficient fuel to keep a low, slow fire that may be maintained with little attention and which produces the best results with the least coal consumption. Small and cramped fire pots do not allow for the exposure of proper heat transmitting surface to the direct action of the fire, and of necessity require forcing and overfiring and, therefore cannot give the same satisfactory results as those of large and generous proportions — the Jewel kind.

Jewel Two-Piece Fire Pot

Jewel Warm Air Furnaces

Nos. 120, 122, 125, 128 and 131

For Burning Hard Coal or Coke

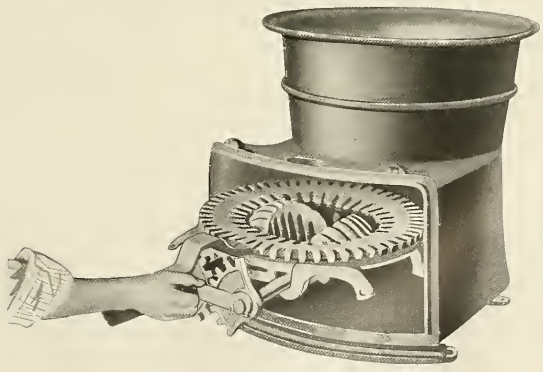
Every feature essential to heating power, economy and Convenience of operation and long life is embodied in this series of Jewel Furnaces

WE invite attention to the large roomy ash-pit. This is cast in one section and being free from joints no ashes or dust particles can escape from it into the air chamber when shaking the grate. The ash-pit and firing doors, as will be noticed, are extra large and convenient.

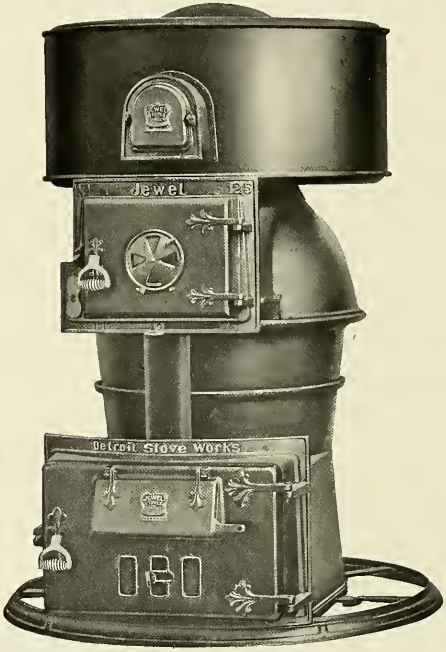
The grates, fire pots and combustion domes have been described and their importance explained in preceding pages with sectional cuts.

The Steel Radiators of this series furnace are especially large and efficient. The smoke and gases are deflected from the dome of the combustion chamber into the return flues and must sweep circuitously around the radiator on their way to the smoke pipe, thus ultilizing thoroughly the products of combustion. Nothing better, simpler or more effective has ever been devised. They are mounted with extra care and provided with a convenient clean-out door so the interior may be easily cleaned of accumulations of soot and ashes. The flues are in correct proportion to the grate. With this radiator there is no choking of the draft, to prevent good combustion.

Special attention is called to the sections which are set with deep flange joints, carefully packed with asbestos cement. They are the only joints ever designed and used that remain permanently gas and dust tight.



Jewel Duplex Grate Drawn Out Through Ash-Pit Door



Steel Plate Radiator Jewel Furnace

Series 100

For Hard Coal, Coke or Lignite

Dimensions

Number	Inside Diam. Fire Pot	Depth Fire Pot	Diam. Casing	Height Without Casing	Size Fire Door	List of Furn. Without Casing	Code	List of Furn. With Casing	Code
120	20 inch	15 inch	36 inch	57 inch	10x13	**$100.00**	Sail	**$120.00**	Hasten
122	22 "	15 "	40 "	57 "	10x13	**112.50**	Sailor	**135.00**	Hatch
125	25 "	16 "	44 "	60 "	11x14½	**130.00**	Salad	**155.00**	Haunt
128	28 "	16 "	48 "	60 "	11x14½	**157.50**	Sallow	**185.00**	Halbert
131	31 "	17 "	54 "	61 "	11x14½	**200.00**	Axiform	**230.00**	Azote

Water Coil for heating 40-gallon tank. List **$6.00.** Code, Scatter.

For heating capacities see page 219

Jewel Warm Air Furnace

With Cast Radiator

Nos. 20, 22, 25, 28 and 31

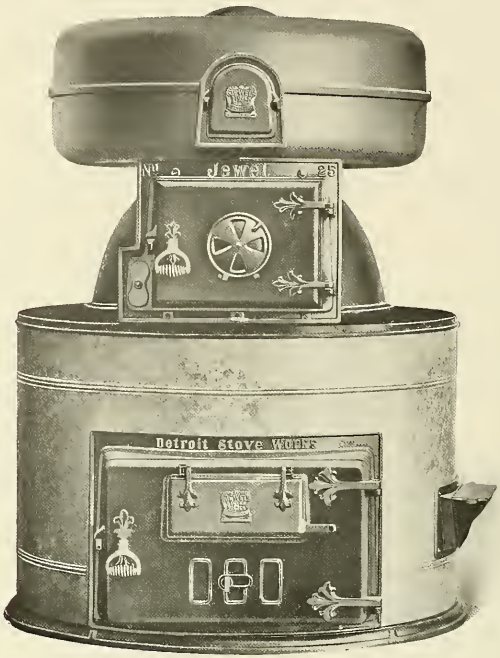
THIS furnace is designed to meet the demand for a durable furnace, with a powerful heating capacity. It is specially built for use with soft coal, and its construction throughout is amply strong to resist the fiercest soft coal fire.

The Cast Radiators are of extra large size, of the return flue type, which gives them an exceptionally large radiating surface. The sections are set with deep flange joints, carefully packed with asbestos cement. A clean-out door is provided at the front, so the interior of radiator may be easily cleaned. This is important because unless the radiator is kept clean, it will not yield the maximum heat for the amount of fuel used.

Jewel Duplex Grate and Ash Pit

One-piece cast radiators are unavoidably extra heavy, the metal is never uniform in thickness and always has a rough inner surface, hence we do not use them with Jewel Furnaces.

The Jewel radiators are comparatively light in weight, but are made of tough, elastic, free heat-transmitting material. They are absolutely uniform in thickness in every part and the inner or flue surface is as smooth as the outer surface, hence does not coat over with soot or ashes to prevent free radiation.



All Cast Iron Jewel Furnace

Series 20

For Soft Coal, Hard Coal, Coke or Lignite

Dimensions

Number	Inside Diam. Fire Pot	Depth Fire Pot	Diam. Casing	Height Without Casing	Size Fire Door	List of Furn. Without Casing	Code	List of Furn. With Casing	Code
20	20 inch	15 inch	36 inch	56 inch	10x13	**$107.50**	Harm	**$127.50**	Sand
22	22 "	15 "	40 "	56 "	10x13	**122.50**	Harrow	**145.00**	Sandal
25	25 "	16 "	44 "	58 "	11x14½	**145.00**	Harsh	**170.00**	Sanity
28	28 "	16 "	48 "	58 "	11x14½	**177.50**	Harter	**205.00**	Sardine
31	31 "	17 "	54 "	59 "	11x14½	**227.50**	Breadstuff	**257.50**	Broach

Water Coil for heating 40-gallon tank. List **$6.00.** Code, Scatter.

For heating capacities see page 219

Jewel Warm Air Furnace

With Air Blast

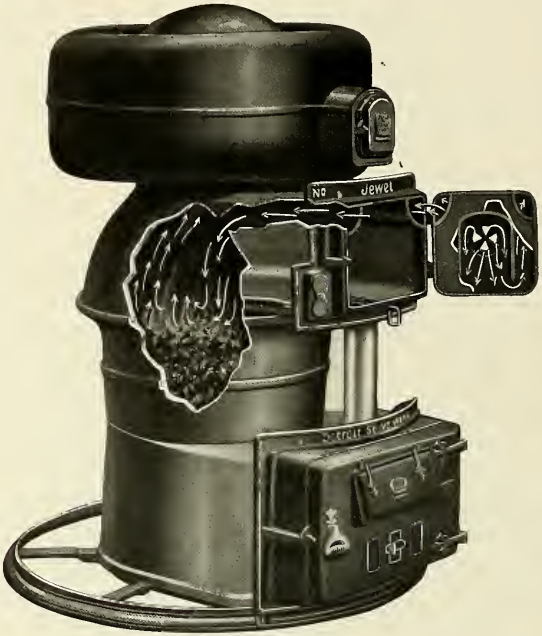
Nos 20, 22, 25, 28, 31

FOR burning any kind of soft coal, the Hot Blast attachment for this furnace is the simplest and most effective known to modern furnace builders. By means of it all classes of soft coal may be burned with convenience and cleanliness. It feeds superheated air to the point of combustion above the surface of the fire, and provides the necessary oxygen for burning the free carbon and gases liberated from this kind of fuel, preventing their escaping in the form of smoke.

Not only does this Hot Blast attachment lessen the disagreeable features attendant to the use of fuel of this class, but it effects a saving by causing combustion of those heat-producing elements which usually escape through the chimney flue. It has no tubes or pipes to burn out, and is designed so that the air is thoroughly heated before it reaches the fire, a condition necessary for satisfactory results.

In all other particulars this Air Blast Jewel is the same in construction as the furnaces illustrated on page 206.

Jewel Two-Piece Fire Pot



All Cast Iron Jewel Furnace With Air Blast

Dimensions

Number	Inside Diam. Fire Pot	Depth Fire Pot	Diam. Casing	Height Without Casing	Size Fire Door	List of Furn. Without Casing	Code	List of Furn. With Casing	Code
20	20 inch	15 inch	36 inch	56 inch	10x13	**$115.00**	Browning	**$135.00**	Broaden
22	22 "	15 "	40 "	56 "	10x13	**130.00**	Bucking	**152.50**	Broadside
25	25 "	16 "	44 "	58 "	11x14½	**152.50**	Buckled	**177.50**	Brocade
28	28 "	16 "	48 "	58 "	11x14½	**185.00**	Buckram	**212.50**	Brocket
31	31 "	17 "	54 "	59 "	11x14½	**235.00**	Breaking	**265.00**	Breastwork

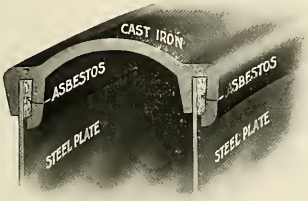
For heating capacities see page 219

Crescent Radiator Jewel Furnaces

Nos. 220, 222, 225 and 228

For Hard Coal, Coke or Wood

IN this style of furnace we offer a construction to meet the demand of those who burn coal, but at times find it convenient to burn wood, especially in the early fall and late spring.



Jewel Cored Packing Joint Employed to Join Steel Walls and Cast Head of Crescent Radiator

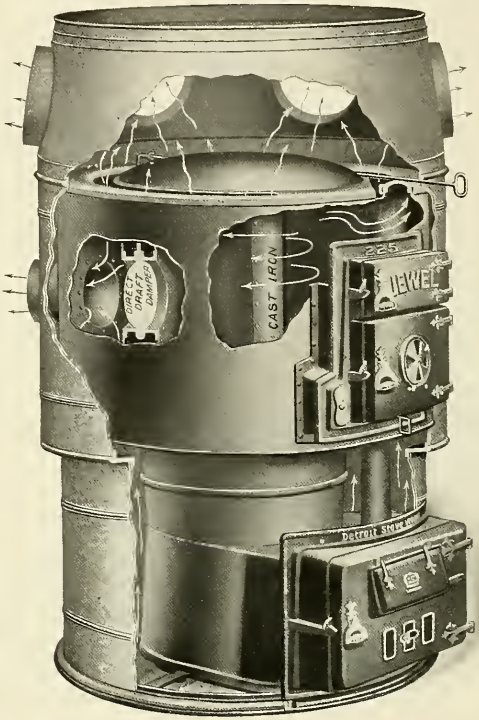
The Steel Radiator is crescent in form, and the products of combustion and hot gases are drawn to the front of the furnace, where they enter the radiator and must come in contact with its large area before escaping into the chimney flue, thus obtaining all possible value from the consumed fuel.

The steel walls of the radiator where joined to the combustion chamber and where exposed to the direct action of the heat, are protected by cast plates to insure durability; and where the cast head joins the steel walls a specially designed cored packing joint such as illustrated herewith is employed. This joint insures absolutely against the escape of gas or dust or the joints opening up, which are undesirable features in many furnaces of this type.

The combustion chamber is extra large, so that the gases liberated from the burning fuel can mix with the oxygen of the air, and be properly consumed. It is made with heavy steel walls, and the extended top of the fire pot allows the parts exposed to intense heat to be placed a sufficient distance from the fire so that they will not warp or buckle.

A direct draft damper operated from the front of the furnace is placed at the rear of the combustion chamber, which insures a quick fire, prevents soot and smoke escaping while feeding the fire, and permits the control of the fire to suit all conditions.

Double feed doors are provided so that irregular chunks of wood can be used and ready access may be gained to the interior of the furnace. The fire pots are provided with expansion joints to prevent danger from cracking, in heating or cooling. The grate is the famous Jewel Duplex, ball-bearing design illustrated and described elsewhere.



Crescent Radiator Jewel Furnace

For Wood, Coal or Coke

Series 200

Dimensions

Number	Inside Diam. Fire Pot	Depth Fire Pot	Diam. Casing	Height Without Casing	Size Fire Door	List of Furn. Without Casing	Code	List of Furn. With Casing	Code
220	20 inch	15 inch	43 inch	53 inch	15x13	**$115.00**	Signal	**$135.00**	Kaffir
222	22 "	15 "	46 "	53 "	15x13	**130.00**	Signalize	**152.50**	Kail
225	25 "	16 "	49 "	56 "	15x13	**152.50**	Signet	**177.50**	Kara
228	28 "	16 "	52 "	56 "	15x13	**187.50**	Signify	**215.00**	Karmic

Wood Grate for 220 and 222, List Extra **$2.50.** Code, Breath,
" " " 225 " 228, " " **$3.25.** " Breathing.
Water Coil for heating 40-gallon tank. List **$6.00.** Code, Scatter.

Moderate Priced Jewel Furnaces

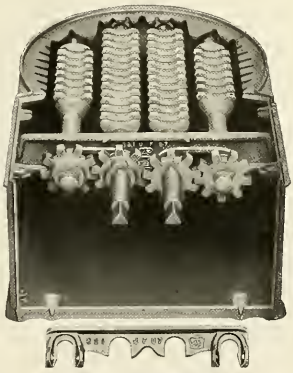
300 Series.—Fitted With Cast Radiators
400 Series.—Fitted With Steel Radiators

THESE furnaces were designed to meet the demand of those who desire a good furnace at a low price. Durability has not been sacrificed to accomplish this end and many of the exclusive features which are incorporated in the more expensive series of Jewel Furnaces have been retained, the essential point of difference being that they are somewhat smaller in size and lighter in weight, and have triangular bar grates instead of duplex design. A cast front extends over the entire front of the furnace and its plain design makes it easy to keep clean, there being no deep carvings or extended ornamentation to hold dust or ashes.

All cast parts are of good weight and thickness, and the same high grade metal used in Jewel Stoves is employed, which insures tough, smooth, long lasting castings.

The fire pots are cast in two sections to prevent cracking and are properly proportioned to hold fire and produce efficient results with the least fuel consumption.

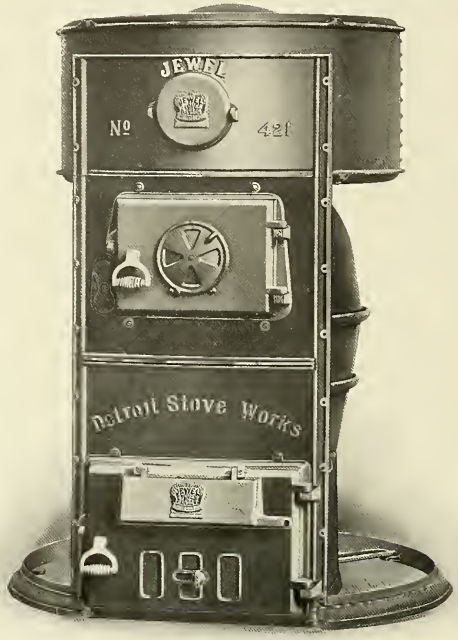
The combustion chamber is of good size, allowing ample space for the oxygen of the air to mix with the gases liberated from the fuel, thereby causing perfect combustion before entering the radiators and passing to the chimney flue.



Jewel Triangular Bar Grate

The grate consists of a series of triangular bars, which when turned cuts the ashes and clinkers from the fire, without dropping unburned fuel into the ash pit. No bolts or nuts are employed and the bars can be removed by lifting the cast yoke from place and removing the iron cogwheels which hold them in place. (See illustration.) So simple is the construction that a bar can be taken out or replaced while the fire is burning.

The feed door is fitted with a perforated lining and air register, and provision is made in the frame for installing water coil without cutting casings or drilling the castings.



Steel Plate Radiator Jewel Furnace

Series 400

For Burning Hard Coal or Coke

Dimensions

Number	Inside Diam. Fire Pot	Depth Fire Pot	Diam. Casing	Height Without Casing	Size Fire Door	List of Furn. Without Casing	Code	List of Furn. With Casing	Code
418	18 inch	12 inch	33½ inch	48 inch	8x12	**$73.50**	Seize	**$89.75**	Pause
421	21 "	13 "	36 "	50 "	9x12½	**86.50**	Seizable	**104.50**	Pearl
424	24 "	13 "	40 "	52 "	9x12½	**105.00**	Seizure	**125.00**	Pelt

Water Coil for heating 40-gallon tank, extra. List **$6.00.** Code, Scatter.

For heating capacities see page 219

All Cast Iron Jewel Furnace

Series 300

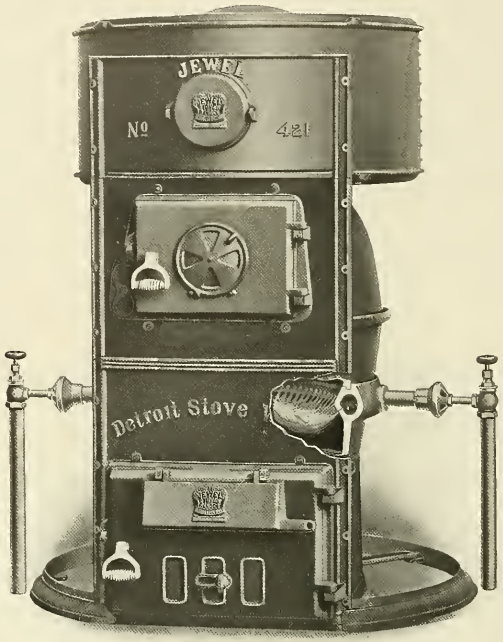
For Hard or Soft Coal or Coke

Dimensions

Number	Inside Diam. Fire Pot	Depth Fire Pot	Diam. Casing	Height Without Casing	Size Fire Door	List of Furn. Without Casing	Code	List of Furn. With Casing	Code
321	21 in.	13 in.	36 in.	50 in.	9x12½	**$97.50**	Scorch	**$115.50**	Pawn
324	24 "	13 "	40 "	52 "	9x12½	**112.50**	Scorcher	**132.50**	Peach

Water Coil for heating 40-gallon tank, extra. List **$6.00**. Code, Scatter.

For heating capacities see page 219. For description see page 211



Jewel Furnaces with Gas Burners

To meet the demand in certain sections where natural gas is available, we equip all furnaces of the 300 and 400 Series and all others having 25-in. and 28-in. fire pots with Gas Burners as shown in the accompanying illustration. By the use of these Burners, either gas or coal or both can be burned without changes.

These Gas burners are one-piece cored castings designed so as to take the place of the lower section of the fire pot. No extra fire pot joints are made necessary by their use.

The gas apertures in the burners are beneath the canopy or projection shown in the illustration, which prevents them from becoming clogged by ashes or fine coal.

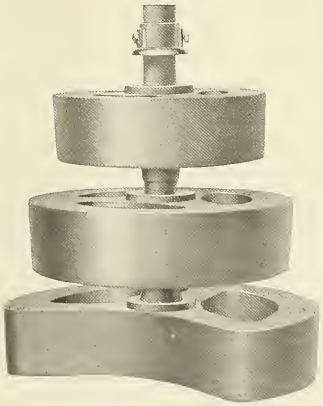
Number	Without Casing	Code	With Casing	Code
25	$157.50	Breathless	$182.50	Brethren
28	192.50	Bred	220.00	Brevet
125	142.50	Breech	167.50	Brevier
128	172.50	Breeches	200.00	Brevity
321	106.25	Breeching	124.25	Brew
324	122.50	Breed	142.50	Brewage
418	81.00	Breeder	97.25	Brewer
421	95.25	Breeding	113.25	Brewery
424	115.00	Breeze	135.00	Bribe

Combination Warm Air and Hot Water Heating

The difficulty frequently encountered when planning to heat rooms so situated as to make them inaccessible to warm air pipes or on account of the distance from the furnace may be successfully overcome by the use of the combination warm air and hot water system.

The use of water heating sections does not increase the heating capacity of the furnace, as a good many seem to think, but serves the purpose only of overcoming difficulties as referred to in the preceding paragraph.

To meet just such conditions, we have designed the Jewel Water Heating Sections. illustrated and listed on page 216.



The Above Shows a Combination of One Each 13, 16 and 19 Sections, the Extreme Height Being 20 Inches

Combinations of two or more sections may be used, enabling one to meet almost any requirement. In fact, the number of sections that can be used is limited only by the limitation of the space in the furnace in which they are to be installed.

These sections are made not for use in Jewel Furnaces only, but for any apparatus in the market. The smaller sections may be installed in stoves having large combustion chambers.

For the information of those who may not understand the variations in the capacity ratings of these sections, we offer the following explanation:

The actual heating power of the section or sections depends largely on the position occupied as related to the fire. When placed in close contact with the fire, the sections are exposed to its direct influence and the maximum heating power results.

But the capacity decreases in proportion to the distance that the sections may be removed from the fire or whether or not they are so poised as to be influenced by the direct heat from the fire.

As an illustration, take a case where two No. 19 sections are to be used. One of them, we will say, is to be placed directly over and closely in contact with the fire, in which case it will carry the maximum number of feet of radiation for which it is rated.

The other section, being farther removed from the fire and shielded from its direct influence, will not, under ordinary conditions, carry greater than its minimum rated capacity.

Jewel Water Heating Sections

For Combination Warm Air and Hot Water Heating

No. 19

No. 16

These sections are made not for use in Jewel Furnaces only, but for any apparatus in the market. The smaller sections may be installed in stoves having large combustion chambers.

They are tapped for 2½ inch pipe but by the use of bushing any size pipe can be used. For explanation of the variation in the rated heating capacities of these sections see page 215.

No. 13

No.	Diameter	No. Ft. Radiation	List	Code
13	13 in.	65 to 80	$15.00	Buckshot
16	16 in	90 to 110	20.00	Buckskin
19	19 in.	100 to 125	25.00	Bucktail

Add extra for fitting sections in furnaces, $12.00 list.

Jewel Combination Warm Air and Hot Water Heater

The accompanying cut is shown for the purpose of illustrating in a general way how the water heating sections are suspended in furnaces.

The excellent characteristics of the warm air furnace should not be interfered with by overloading it with water heating sections.

The services of our engineering department are at the disposal of those desiring special advice regarding combination heating.

Jewel Room Heaters

With Planished Iron Casing

Dimensions of Jewel Room Heater

Number	Inside Diam. Fire Pot	Depth of Fire Pot	Diameter Casing	Height Without Casing	Size of Feed Door	List	Code
418	18	12	33½	48	8x12	**$89.75**	Emeritus
421	21	13	36	50	9x12½	**104.50**	Emetic
424	24	13	40	52	9x12½	**125.00**	Emollient

Above prices include Planished Iron Casing

Water Coil for heating 40-gallon tank. List extra **$6.00.** Code, Scatter.

Heating Capacities of Jewel Furnaces

Maximum Heating Capacities in Cubic Feet of Space.

Extreme Weather Condition to be Provided For.	Class of Building	Source of the Cold Air Supply	Furnace Numbers							
			418	321 421	324 424	20 120 220	22 122 222	25 125 225	28 128 228	31 131
Zero	Residences	Outside Only	8,000	12,000	15,000	13,000	16,000	22,000	30,000	40,000
		Outside and Inside	9,000	13,000	16,000	14,000	17,000	23,000	32,000	42,000
		Inside Only	10,000	15,000	18,000	16,000	19,000	25,000	35,000	45,000
	Churches, Halls, Stores, Etc.	Outside Only	12,000	18,000	22,000	20,000	24,000	32,000	45,000	60,000
		Outside and Inside	14,000	20,000	24,000	22,000	27,000	36,000	50,000	65,000
		Inside Only	16,000	24,000	27,000	25,000	30,000	44,000	60,000	75,000
12° Below Zero	Residences	Outside Only	7,000	11,000	14,000	12,000	15,000	20,000	28,000	38,000
		Outside and Inside	8,000	12,000	15,000	13,000	16,000	21,000	30,000	40,000
		Inside Only	9,000	14,000	17,000	15,000	18,000	23,000	33,000	43,000
	Churches, Halls, Stores, Etc.	Outside Only	10,000	16,000	21,000	18,000	22,000	30,000	40,000	55,000
		Outside and Inside	12,000	18,000	23,000	21,000	25,000	35,000	45,000	60,000
		Inside Only	14,000	21,000	26,000	24,000	28,000	42,000	55,000	70,000
20° Below Zero	Residences	Outside Only	6,000	10,000	13,000	11,000	14,000	18,000	25,000	35,000
		Outside and Inside	7,000	11,000	14,000	12,000	15,000	19,000	27,000	37,000
		Inside Only	8,000	13,000	17,000	14,000	18,000	21,000	30,000	40,000
	Churches, Halls, Stores, Etc.	Outside Only	9,000	14,000	20,000	17,000	21,000	27,000	35,000	50,000
		Outside and Inside	11,000	16,000	22,000	20,000	23,000	33,000	40,000	55,000
		Inside Only	13,000	19,000	24,000	22,000	27,000	38,000	50,000	65,000

The heating capacities of Jewel Furnaces as given in the above table are based on the weather condition to be provided for and the source of the cold air supply, whether taken from outside or inside, or from both outside and inside, and are correct.

Key to

Jewel Stove and Range Numbers

A LITTLE careful study of the plan we have adopted for numbering Jewel Stoves, Ranges, and Furnaces will enable the dealer to readily distinguish the description of any given range from its number.

The following tables explain in detail our plan of numbering Jewel Coal and Wood Stoves and Ranges:

Cooks and Ranges

First Number ..... Size of Lid
Second Number ..... Pattern
Last Two Numbers ..... Size of Oven

Style A—Square
Style B—With Reservoir
Style K—With Reservoir and High Shelf
Style E—Square, with High Closet
Style F—With Reservoir and High Closet

Example: "No. 83-18 F Domestic Jewel" is a Domestic Steel Range, with 8-inch lids, Pattern three, with 18-inch oven, reservoir and High Closet.

Heaters

First Number ..... Pattern
Last Two Numbers ..... Size of Fire Pot

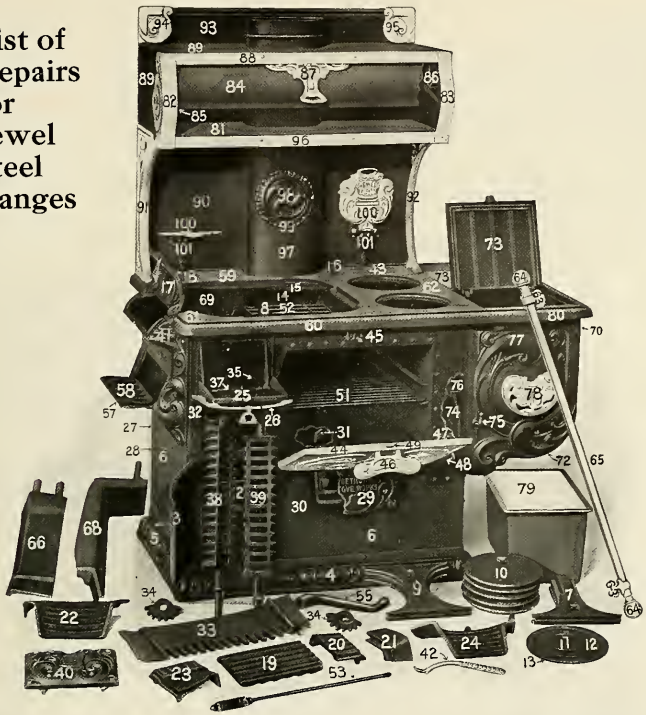
Example: "No. 315 Ideal Jewel" is an Ideal Base Burner, Pattern three, with 15-inch Fire Pot, inside measurement.

Wood Heaters

First Number ..... Pattern
Last Two Numbers ..... Length of Wood

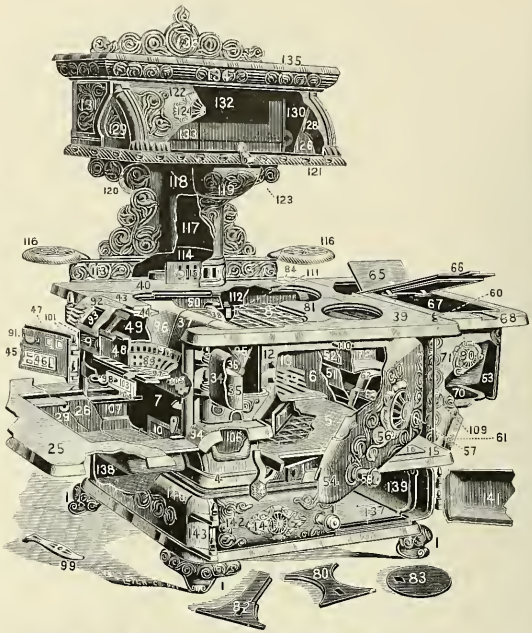
Example: "No. 821 Cottage Jewel" is a Cottage, Pattern eight, taking 21-inch wood.

List of Repairs for Jewel Steel Ranges



1 Ash Chutes, R. & L. (Steel).
2 Ash Pan.
3 Ash Pit Door.
4 Base, Front and Back Strip.
5 " Right and Left End Strip
6 Body. (Steel).
7 Center, Cut Long.
8 " Post.
9 " Short.
10 Covers.
11 Cover, Reducing Center
12 " " Inside Ring.
13 " " Outside Ring.
14 Damper, Direct Draft.
15 " " " Frame.
16 " " " Handle.
17 Feed Door.
18 " " Damper.
19 Fire Box Lining, Center Back.
20 " " " Left Back.
21 " " " " Extension.
22 " " " End.
23 " " " Right Back.
24 " " " End.
25 Fire Door.
26 " " Panel.
27 Flue Back, Steel. (Not shown).
28 " " Bottom. (Not shown).
29 " Door.
30 " " Frame.
31 " Strip, Bottom. (Not shown).
32 Front.
33 " Grate.
34 Grate Cogs.
35 " Frame, Back.
36 " " Left End. (Not shown).
37 " " Right End.
38 Grate, Long Duplex.
39 " Short "
40 " Removal Door.
41 Left End.
42 Lifter.
43 Name and Number Plate.
44 Oven Door.
45 " " Catch.
46 " " Handle.
47 " " Hinge.
48 " " " Spring.
49 " " Latch.
50 " " Lining. (Steel).
51 " Rack. (Steel).
52 " Top Plate.
53 Poker.
54 Scraper.
55 Shaker.
56 Shell on Square Range. (Not shown).
57 Toaster Door.
58 " " Draft Slide.
59 Top, Back.
60 " Front.
61 " Left End.
62 " Right End.
63 Towel Bar, Brackets.
64 " " Caps.
65 " " Tube.
66 Water Front.
67 " " Blind Cap. (Not shown).
68 " " L.
69 Wood Extension Pocket.
70 Reservoir Back. (Not shown).
71 " " Check. (Not shown).
72 " " Bottom. (Not shown).
73 " " Covers.
74 " Damper.
75 Reservoir Damper Handle.
76 " Front.
77 " " Cheek.
78 " Panel.
79 Reservoir Tank.
80 " Top.
81 High Closet Bottom and High Shel . (Steel).
82 High Closet Corner. Left.
83 " " " Right.
84 " " Door. (Steel).
85 " " " Hinge. Left.
86 " " " " Right.
87 " " " Panel and Handle.
88 " " Nickeled Band. Top.
89 " " Top and Sides. (Steel).
90 " " and High Shelf Back. (Steel). (Specify for High Closet or High Shelf).
91 Brackets.
92
93 High Closet and High Shelf Guard
94 High Closet and High Shelf Guard Corner Left.
95 High Closet and High Shelf Guard Corner Right.
96 High Closet and High Shelf Nickeled Band. (Specify for High Closet or High Shelf).
97 High Closet and High Shelf Pipe. (Steel). (Specify for High Closet or High Shelf).
98 High Closet and High Shelf Register Damper.
99 High Closet and High Shelf Register Damper Frame.
100 High Closet and High Shelf Tea Shelf.
101 High Closet and High Shelf Tea Shelf Bracket

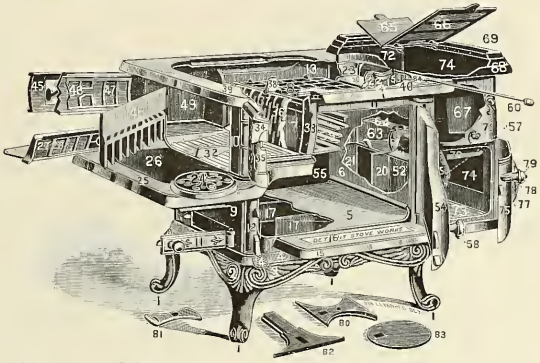
List of Repairs for Jewel Cast Ranges



1 Leg. State if Range has leg frame or not.
2 Short Leg Frame. Right or Left. Not shown. For Ranges without low closet.
3 Long Leg Frame. Front or Back. Not shown. For Ranges without low closet.
4 Main or Leg Bottom.
5 Oven Bottom.
6 " Back.
7 " Front.
8 " Top.
9 Left End.
10 Oven Flue Stopper.
11 Flue Door, under Oven Shelf.
12 Main Front, or Oven Door Frame.
13 " Back.
14 Kicker, or Oven Door Opener.
15 Outside Oven Shelf.
16 Shelf Name Plate.
17 Bottom Flue Strip.
25 Hearth Top.
26 Ash Pit.
27 Swing or Small Slide Hearth. (Not on this Range).
29 Ash Pan.
32 Wood Grate, or False Bottom. (Not shown).
34 Wood Fire Door.
35 " " " Guard or Lining.
36 Fire Box Back Lining—Right.
37 " " " —Left.
37½ " " " —Center. (Not on this Range).
38 Center Post.
39 Front Top.
40 Back Top or Collar Top.
43 Top Feed Piece.
44 " " " Guard or Lining.
45 Mica Door.
46 " " Sliding Damper.
47 " Frame, or Holder.
48 Fire Box Front Lining.
49 Wood Pocket.
50 Top Rolling Damper.
51 Reservoir Rolling Damper.
52 Tank Casing—Left.
53 " " —Right.
54 Oven Door.
56 " " Nickeled Panel
57 " " Tile.
58 " " Knob.
59 " Rack, or Slide.
60 Towel Rod.
61 Right End Plate below Tank Casing, or full right end of Square Range.
62 Tank Rest—Short.
63 " " —Long.
65 Tank Cover—Back.
66 " " —Front.
67 Tank—Copper or Gray Enameled Iron.
68 Stationary Tank Top.
70 Tank Casing—Bottom.
71 " " —Front Cheek.
72 " " —Back.
80 Short Center.
81 "T" Center.
82 Cut Long Center
83 Covers.
84 Number Plate.
85 Extension Shelf for Right End of Square Range. (Not shown; state if drop shelf with bracket or stationary shelf).
89 Shaking Coal Grate or Bottom Grate. (State whether flat grate, Jewel grate or dock-ash grate.)
90 Grate Frame.
91 Poker Drop.
92 Coal Feed Door.
93 " " " Sliding Damper.
94 Ash Catch.
95 Fire Box Lining—Front End.
96 " " " —Back "
97 Grate Slide or Draw Center of Coal Grate.
98 Draw Bar for Shaking and Draw Center Grate.
99 Shaker.
100 Slide for Wood Grate. (Not shown.)
101 Water Front Caps.
102 Grate Cap. (On outside end of fire box, and not shown).
103 Follower.
104 " Holder.
105 Oven Front Horn, or Draw Grate Support.
106 Ash Pit Strip—Front or Right.
107 " " " —Back or Left.
108 Oven Door Ventilating Register (not shown).
109 Handle for Reservoir Rolling Damper.
110 Handle for Top or Oven Rolling Damper.
111 Hook for Top or Oven Rolling Damper.
112 Flue Back.
113 "T" Shelf—Front.
114 " " —Back.
115 " " —Sliding Damper.
116 Swinging Tea Pot Shelf.
117 High Closet Flue Pipe Back.
118 " " " " Front.
119 " " " " Bonnet.
120 " " Pipe Collar.
121 " " Bottom or High Shelf Top.
122 High Closet Cylinder Door.
123 " " " Handle.
124 " " Panel Nickeled.
125 " " " Tile. (Not shown).
126 High Closet Cylinder Spring Cap—Right.
127 High Closet Cylinder Spring Cap—Left. (Not shown).
128 High Closet Cylinder End—Right.
129 " " " —Left.
130 " " End—Right.
131 " " " —Left.
132 " " Back—Right.
133 " " " —Left.
134 " " Corner Strip.
135 " " Top.
136 " " or High Shelf Top Ornament.
137 Low Closet Bottom.
138 " " Back.
139 " " End—Right.
140 " " " —Left.
141 " " Door—Right.
142 " " " —Left.
143 " " Front or Door Frame.
144 " " Door Panel, Nickeled.

List of Repairs for Jewel Coal Cook

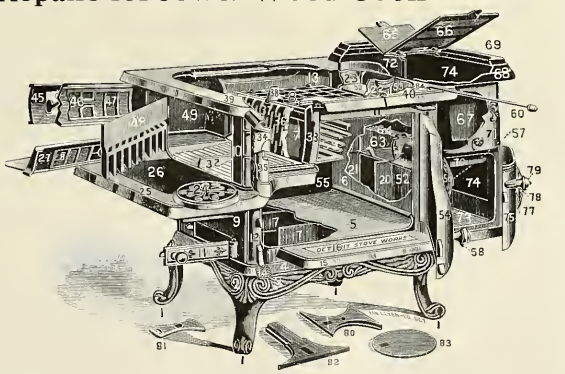
1 Legs.
2 Short Leg Frame.
3 Long " "
4 Leg Bottom.
5 Oven Bottom.
6 " Back.
7 " Front.
8 " Top.
10 Upper Front.
11 Oven Flue Stopper.
12 Side, Right.
13 " Left.
14 Kicker, or Oven Door Opener.
15 Outside Oven Shelf.
16 Shelf Name Plate.
17 Bottom Flue Strips.
18 Back Flue Strip, Right.
19 " " Left.
24 Swing Tea Pot Shelf. (Not shown).
25 Hearth Top.
27 Swing Hearth.
29 Ash Pan.
30 Hearth Front.
31 " Flue Stopper.
34 Wood Fire Door.
35 " " " Guard or Lining.
36 Fire Back or Back Linings. (If in three pieces, say if Right, Left or Center).
37 Fire Back Frame or Holder.
38 Center Post.
40 Back Top, or Collar Top.
41 Side Top, Right.
42 " " Left.
43 Front Top Feed Piece.
44 " " " Guard or Lining.
45 Mica Door.
46 " Slide or Draft Damper.
47 Mica Frame.
48 Front Grate.
50 Rolling or Oven Damper.
54 Oven Door, Right.



55 " " Left.
56 " " Tile Frame.
57 " " Tile.
58 " " Knob.
59 Oven Rack or Slide.
60 Towel Rod.
61 Outside Back.
80 Short Center, or Cross Piece.
82 Cut Center, or Long Cross Piece.
83 Lid, or Griddle Cover.
84 Number Plate.
85 Back Shelf.
86 Top Flue Covers.
87 Grate Lever.
88 " " Cap.
89 Bottom Coal Grate.
90 Grate Frame.
91 Poker Trap.
92 Coal Feed, or Broiling Door.
93 " " Door Sliding Damper.
94 Ash Catch.
95 End Fire Box Lining, Right.
96 " " " " Left.

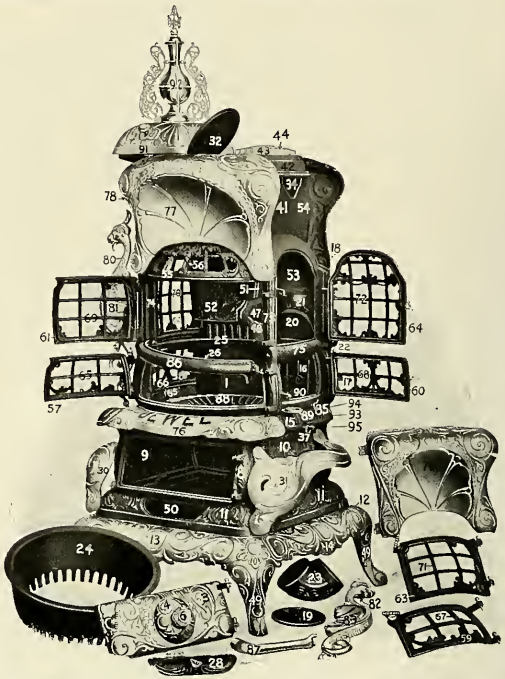
List of Repairs for Jewel Wood Cook

1 Legs.
2 Short Leg Frame.
3 Long " "
4 Leg Bottom.
5 Oven Bottom.
6 " Back.
7 " Front.
8 " Top.
9 Lower Front.
10 Upper " "
11 Flue Door or Stopper.
12 Side, Right.
13 " Left.
14 Kicker, or Oven Door Opener.
15 Outside Oven Shelf.
16 Shelf Name Plate.
17 Bottom Flue Strips.
20 Reservoir Lower Back Flue Strip, Right.
21 Reservoir Lower Back Flue Strip, Left.
22 Reservoir Upper Back Flue Strip, Right.
23 Reservoir Upper Back Flue Strip, Left.
24 Swing Tea Pot Shelf, on Hearth.
25 Hearth Top.
26 Ash Pit.
27 Swing Hearth.
28 " " Damper or Slide.
32 False Bottom.
33 Open Check.
34 Fire Door.
35 " " Guard or Lining.
36 Fire Back.
37 " " Interlocked Guard.
38 Center Post.
39 Front Top.
40 Back " "
45 Mica Door.
46 " Slide.
47 " Frame.
48 Front Grate.
49 Blind Cheek.
50 Rolling or Oven Damper.
51 Reservoir Rolling Damper.
52 Lower Reservoir Back.
53 Upper " "
54 Oven Door, Right.
55 " " Left.
56 " " Tile Frame.
57 " " Tile.
58 " " Knob.
59 " Rack or Slide.
60 Towel Rod.
62 Tank Strip, Right.
63 " " Left.
64 " " Top.
65 " Cover, Small.
66 " " Large.
67 Tank.
68 " Top.
69 " Rim.
70 " Casing, Bottom.
71 Closet Head, Right.
72 " " Left.
73 " Bottom.
74 " Back.
75 " Door, Right.
76 " " Left. (Not shown).
77 " Door, Tile Frame.
78 " " Tile.
79 " " Knob.
80 Short Center or Cross Piece.
81 Short Center Guard or Lining.
82 Cut Center, or Long Cross Piece.
83 Lid, or Griddle Cover.
84 Number Plate.



List of Repairs for Jewel Base Burners

1 Ash Back
2 " Pan
3 " Pit Door
4 " " " Draft Register
5 " " " " " Screw (not shown)
6 Ash Pit Door Draft Register Screw Handle
7 Ash Pit Door Draft Register Yoke (not shown).
8 Ash Pit Door Frame
9 " " Side, L. H.
10 " " " R. H.
11 Base
12 " Strip, Back
13 " " Front
14 " " Sides
15 " Top
16 Check Damper Slide
17 " " " " Handle
18 Collar Top
19 Cover
20 Direct Draft Damper
21 Frame
22 Direct Draft Damper Handle
23 Elbow
24 Fire Pot
25 " " Ring, Back
26 " " " Front
27 Flue Scraper (not shown)
28 " Stop
29 " Strip, Upper Back (not shown)
30 Foot Rail, L. H.
31 " " R. H.
32 Gas Cover
33 " Flue Strip, Left (not shown)
34 Gas Flue Strip, Right (not shown)
35 Grate Cog for Long Half (not shown)
36 Grate Cog for Short Half (not shown)
37 Grate, Duplex, Long Half
38 " " Short " (not shown)
39 Grate Support, Left (not shown)
40 Grate Support, Right (not shown)
41 Hopper
42 " Top
43 Hot Air Cap
44 " " Damper
45 " " " Handle
46 " " Flue, Lower (not shown)
47 Hot Air Flue, Upper Back
48 " " " " Front
49 Legs
50 Leg Bottom
51 Magazine Back
52 " Front
53 Mica Back, Inside
54 " " Outside
55 " Dome



56 Mica Dome Frame
57 " Door, Lower Left Front
58 " " " " Side
59 " " " Right Front
60 " " " " Side
61 " " Upper Left Front
62 " " " " Side
63 " " " Right Front
64 " " " " Side
65 " Frame, Lower Left Front
66 " " " " Side
67 " " " Right Front
68 " " " " Side
69 " " Upper Left Front
70 " " " " Side
71 " " " Right Front
72 " " " " Side
73 " Front
74 " Side, Left
75 " " Right
76 Name Plate
77 Nickeled Head, Front
78 " " Left Side
79 " " Right "
80 Nickeled Wing, Left Back Half
81 Nickeled Wing, Left Front Half
82 Nickeled Wing, Right Back Half
83 Nickeled Wing, Right Front Half
84 Poker
85 " Door
86 Removable Center Bar
87 Shaker
88 Shaking Ring
89 " " Follower
90 " " " Holder
91 Swing Cover
92 Urn
93 Main Back Center (not shown)
94 Main Back, Left Side (not shown)
95 Main Back, Right Side (not shown)
96 Lifter

Patent Jewel Lifter

ALWAYS COLD

Lug on end prevents lid from slipping off—holds it in any position desired. The Handle is nickeled and always cold.

Price per dozen, 36 cents net—sold at actual cost as an advertisement.

Stove Foot Rest

Stamped from Steel and nickeled—just what you want for placing under the legs of the stoves on your display floor.

Per dozen, 60 cents net.

Jewel Paste Polish

For Stove Dealers' Use

THE better blackened a merchant keeps the stoves on his display floor the better opportunity he has for making stove sales.

Realizing the importance of making polish that can be easily applied and that will give a lasting polish, we have devoted considerable time and effort toward improving our product, with the result that Jewel Paste Polish is the most satisfactory stove polish made today.

This Paste has no equal for imparting, with little labor, a brilliant and durable polish, which is retained in any climate. It will also prevent rusting. A five-pound pail mixed with benzine will make six gallons of liquid polish.

Tin pails containing 5 pounds, price 8 cents per pound net. Packed, 6 pails (30 pounds) in a case. Full directions for use accompany each package.

Jewel Velvet Liquid Polish

A HIGH GRADE POLISH tried and tested under varying conditions and always proves superior to any other on the market. Will not dust off. Produces a most brilliant polish. Will prove a good seller and a good advertisement for Jewel Dealers.

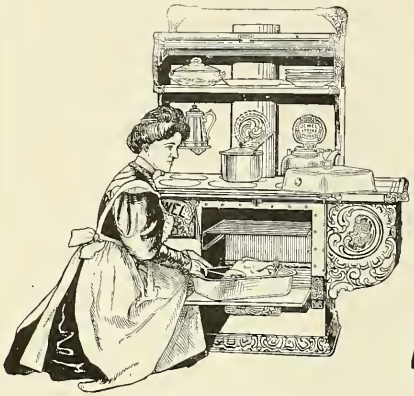
½ Pint Cans per dozen, net $1.00

Gallon Cans $1.00

Cuts for Advertising

Free to Jewel Dealers for Newspaper Use

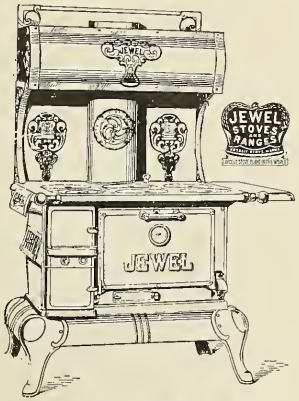
Always order cuts with stove shipments, otherwise they will be shipped express collect.



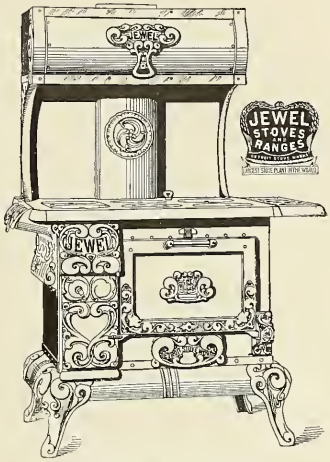
No. 1189

No. 1187

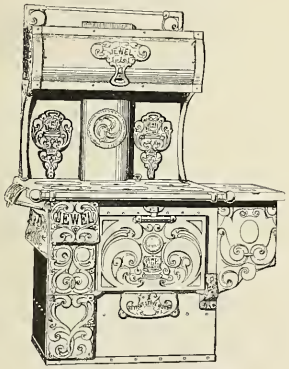
No. 1403



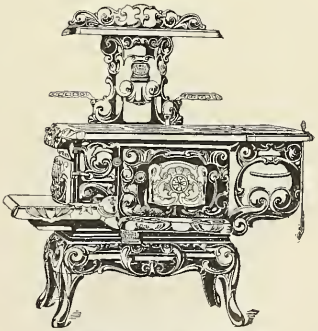
Standard Jewel, Style E
Single Column Cut



Hero Jewel, Style E
Single Column Cut



Service Jewel, Style F
Single Column Cut



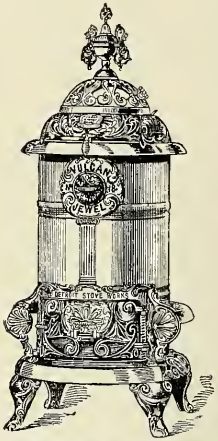
Diamond Jewel, Style K
Single Column Cut

Trade Mark No. 4

Trade Mark No. 2

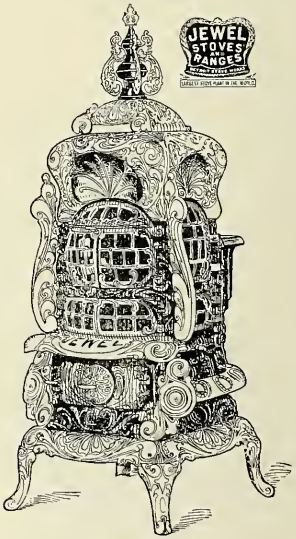
Trade Mark No. 9

Gem Oak Jewel
Single Column Cut



Vulcan Jewel Hot Blast
Single Column Cut

Ideal Jewel
Single Column Cut



Regal Jewel
Single Column Cut

Directions for Operating Stoves

Issued by the National Association of Stove Manufacturers

To secure good operation in cook stoves and ranges, see:

1. That the flue stopper is in its place.

2. That the chimney is clear and has a good draft at pipe-hole. Many chimneys are made too low and draw better when a "smoke stack" is put on them.

3. That the pipe fits closely on the stove and in the chimney. No air should go outside of the pipe.

4. That the pipe does not go too far in the chimney.

5. That no ashes from the chimney get into the end of the pipe.

6. That there are no pipe-holes open on the opposite side of the chimney, either above or below, and that there is no unused stove with draft slide open, leading into the same chimney.

7. Avoid having the pipe telescope at the elbow. If you have all these parts properly adjusted and well arranged, open the direct draft damper and see if you can get a good fire in the stove together with a strong draft. If the fire will not burn well then, the trouble is not in the stove, but above it.

If the fire burns well on the above direct draft, close the oven damper; then if it will not heat the oven and bake well, please examine the flues and damper and see:

1. That all the flues are open and clear, so that the smoke can freely pass through them. In cleaning the flues, many do not clean all the flues, and frequently push soot and ashes into back corners, and in that way stop them up.

2. Examine all the dampers in the flues and see that they open and close tightly, and do not get out of place.

3. Be sure you know how they operate, so that they may not be open when you think they are closed.

If you are trying a stove without a hot-water reservoir and have everything in good order as heretofore described, it cannot possibly fail in operation if you close the direct draft damper and throw all the heat around the oven. Time should be given to get the oven hot before trying to bake.

If you have a stove with a reservoir, be sure that the damper (if one is in the stove) to force the heat under the reservoir is closed, so that all the heat must go around the oven. Many reservoir stoves have two dampers, and in that case both should be closed.

We have known many persons who have tried to use such stove with the damper under the reservoir open, when they thought it was closed. On that account the oven heated too slowly, but worked fast enough when they closed the damper.

It is possible that the draft of the chimney is so strong as to carry the heat so rapidly around the oven as not to be absorbed by the plates, and the oven fails to heat sufficiently from that cause. A damper in the pipe will relieve this.

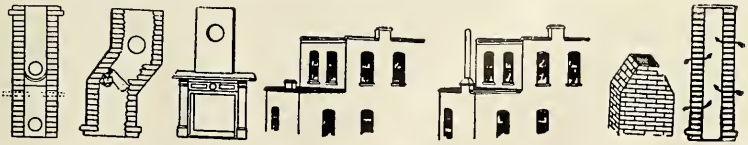
Extracts from various publications respecting chimneys, drafts, etc.

No stove has what is called a draft; it is the chimney (or its equivalent) that produces the draft. The taller the chimney the stronger the draft.

A stove can no more operate without a chimney than a steam engine can operate without a boiler.

If a stove fails to give satisfaction it is because of having a bad chimney or being improperly set up.

If a stove fails to operate, the chimney must be looked to for a remedy.



We illustrate a few of the causes why the stove is condemned, when the fault is solely in the chimney.

(a) Constructing a chimney by extending the flue downward to the floor, and in many cases into the cellar, creates a place for the accumulation of the soot, ashes, etc., so as to save the expense of cleaning the flue. Then the cold air below the pipe-hole chills the entire column of air in the chimney; it is therefore heavy and impedes the ascent of the smoke. The remedy is to either fill the flue with cement to within 6 inches below the pipe hole, or cut off the flue with a sheet-iron plate, the plate to be covered with several inches of cement, so as to make it air-tight. The result will be to apply the heat at the base of the flue, and a good draft obtained.

(b) Often complaints are made that the cook stove will not operate, although the pipe was carefully fitted into a chimney that has a good draft, and which has been in use for many years. Investigation proves that the stove is attached to a chimney whose base contains a very large old-fashioned fireplace. The remedy for this is the same as the preceding.

(c) The chimney of the kitchen may be much lower than the main part of the house. The wind blowing over the house falls like water over a dam, sometimes almost perpendicularly on the top of the chimney; thus it beats down the smoke contained therein. The remedy is to build up the chimney or add a smokestack above the height of the main building. (See illustration page 229).

(d) A building or a large tree may be near to and higher than the top of the chimney, so that the wind passing over them would blow down the chimney.

(e) When there is more than one opening in a chimney a great variety of complications may affect the draft, so see that all the openings into the flue, no matter of what kind, excepting the one you are going to use, are securely closed.

(f) A new or green chimney will never have a perfect draft. It will not draw perfectly until it is thoroughly dry, which sometimes requires two to four weeks' time.

(g) In building a chimney, a little mortar may be dropped from time to time and lodge out of sight so as to partially close the chimney. A heavy weight may be let down by a rope and worked against the inside of the flue to force an opening.

(h) In an old chimney the mortar may have crumbled from between the bricks so that it leaks air and spoils the draft.

All the air that passes through the chimney should first pass through the fire.

Terms

All accounts are due and payable 60 days from date of invoice; usual discounts for cash. Early shipment orders accepted on usual datings.

Interest will be charged on all past due accounts.

All bills are payable in New York or Chicago exchange.

Claims for reduction must be made within 10 days after receipt of goods.

In the event of the purchaser selling out, mortgaging or assigning his stock or becoming financially involved, his account shall become due and payable forthwith.

All stove repairs are net cash.

Prices subject to change without notice.

Shipments

To save our customers the excessive transportation charges on goods shipped "Carrier's risk" we ship all stoves, furnaces, etc., "Owner's risk released."

You are the owner of the goods you buy, hence our responsibility ceases on delivery of goods to transportation company, after receiving a receipt for them in "good order."

Owing to the reduced rate on above classification, transportation companies are released from liability for ordinary breakage; however, should the breakage be excessive and be traced to carelessness of employes or caused by collisions, wrecks, etc., then they are liable.

In case of excessive damage, do not refuse shipment but call agent's attention to its condition, making careful note of details on freight bill before freight charges are paid.

File claim for damages with freight agent, who will forward same to claim department. In event of his refusal to do so, send papers to us and we will endeavor to collect for you.

Instructions for Ordering Repairs

To enable the prompt shipment of repairs we carry in stock at all times a large assortment of duplicate parts for all kinds of Jewel Stoves, Ranges and Furnaces.

To avoid unnecessary delay, correspondence and needless expense in shipping repairs, please bear in mind the following instructions:

Always give full name and number of the stove, range or furnace for which repairs are ordered, and all marks, figures and letters cast on the part desired.

In stating position of the parts, face the front of the stove and designate right or left from that position. On ranges, the side on which the oven door opens, we consider the front to the stove.

Give definite shipping instructions as to whether order is to be shipped by freight or express.

When customers do not give full particulars, it is our assumption that it is their wish that we use our best judgment in the filling and shipping of their orders, hence we are not responsible for errors which occur under such conditions.

Telegraphic Code

Business Phrases in Frequent Use:

Ship us by freight at once	Parched
Ship us by boat at once	Parchment
Add to our order	Pardon
Change our order to read	Pardonable
If our order has not yet been shipped	Parent
If our order has been shipped	Parentage
Quote us prices by wire on the following	Parish
Ship by freight direct to	Valentine
Ship us by electric car line at once	Vanity

Railroads:

Via Chicago & Grand Trunk	Pack
Via Detroit, Grand Haven & Milwaukee	Paddle
Via Pere Marquette	Pagan
Via Grand Trunk	Pagoda
Via Lake Shore & Michigan Southern	Painful
Via Michigan Central	Painter
Via Atchison, Topeka and Santa Fe	Palisade
Via Baltimore & Ohio	Palliate
Via Chicago & Alton	Pallid
Via Chicago & Eastern Illinois	Palm
Via Erie	Palpable
Via Chicago & Northwestern	Paltry
Via Chicago, Burlington & Quincy	Pamper
Via Chicago, Milwaukee & St. Paul	Pamphlet
Via Chicago, Rock Island & Pacific	Pander
Via Chicago Great Western	Panel
Via Cincinnati, Hamilton & Dayton	Passage
Via Cleveland, Cincinnati, Chicago & St. Louis	Parody
Via Illinois Central	Pang
Via Monon	Panic
Via New York, Chicago & St. Louis	Panorama
Via Pittsburg, Cincinnati, Chicago & St. Louis	Pansy
Via Pennsylvania Co.	Pantheon
Via Wabash	Panther
Via Trolley Line	Passenger
Via Wisconsin Central	Pantry
Care of Great Northern	Parachute
Care of Missouri Pacific	Paradise
Care of Northern Pacific	Paradox
Care of Southern Pacific	Paragram
Care of Union Pacific	Paragraph

Lake Lines:

Anchor Line	Partiality
Ashley & Dustin's Line	Partial
Detroit & Buffalo Navigation Co	Pastoral
Detroit & Cleveland Navigation Co.	Participate
Goodrich Transportation Company	Particle
Graham & Morton Transportation Co.	Particular
Lake Michigan & Lake Superior Transportation Co.	Partition
Union Transit Company	Partridge
Northern Steamship Co.	Passable
Northern Michigan Line	Party
White Star Line	Passport
Thompson Line	Pastime
Rutland Line	Patrol
Dunkley-Williams Line	Patriot

Cable Code:

Our Cable Address is	Barbour-Detroit
Have goods insured	Park
Ship via Allen Line to	Parlance
Ship via Anchor Line to	Parley
Ship via Compagnie Generale Transatlantique	Parliament
Ship via Cunard Line to	Partner
Ship via Inman Line to	Parole
Ship via Netherlands American Steam Nav. Co. to	Parrot
Ship via North German Lloyd Line to	Parsley
Ship via Red Star Line to	Parsnip
Ship via Union Line to	Parson
Ship via White Star Line to	Partake

Express Code:

Send us at once by express	Tabard
Send us at once by Adams Express	Tabernacle
Send us at once by American Express	Table
Send us at once by National Express	Taboo
Send us at once by Northern Pacific Express	Tabular
Send us at once by Pacific Express	Tacit
Send us at once by United States Express	Taciturn
Send us at once by Wells Fargo Express	Tackle
Send us at once by Southern Express	Tackey

Use of Code Illustrated:

The use of the Telegraphic Code published in this Catalogue will be understood from the following:

CODE TELEGRAM—Parched Pander six Abolished, two Abstained, three Astringe.

TRANSLATION — Ship us by freight at once, via Chicago, Rock Island & Pacific Railroad, six No. 83-16 Domestic; two 83-16 Leader; three No. 83-18 Paragon.

By comparing the number of words used in the Code Telegram with the number used in the translation, it will be noticed that there is a saving of 20 words. By the use of the telegraphic code our patrons will not only be able to reduce the cost of telegraphing us to a minimum, but they will also be less likely to make mistakes than when attempting to transmit long directions and descriptions.

Index to Telegraph Code

Abbot.....125
Abidal..... 16
Abidance.... 16
Abidden..... 16
Abide..... 16
Abiding..... 16
Abject.....146
Abode..... 16
Abolish..... 17
Abolished.... 17
Abolishing... 17
Abolishment.. 17
Abolition.... 17
Abolitionist.. 17
Abound.....140
Abrupt.....124
Abruptly.....124
Abruptness...124
Absolve.....140
Abstain..... 20
Abstained.... 20
Abstainer.... 20
Abstaining... 20
Abstainment. 20
Abstemious... 20
Absurd.....140
Accusation... 21
Accusatory... 21
Accuse..... 21
Accused..... 21
Accusor..... 21
Accusing..... 21
Adage.....146
Adapt.....146
Alliance.....191
Angular 185, 187,
190, 194
Astride..... 23
Astringe..... 23
Astringent... 23
Astrologer.... 23
Astrology.... 23
Astronomer...24
Astronomy... 24
Astute..... 24
Astuteness... 24
Asunder..... 24
Asylum..... 26
Ate..... 26
Atheism..... 26
Atheist..... 26
Athirst..... 27
Athlete..... 27
Athletic..... 27
Athwart..... 27
Atlantic..... 29
Atlas..... 29
Atmosphere.. 29
Atmospheric.. 29
Atom..... 29
Atomic..... 30
Atone..... 30
Atonement... 30
Atop..... 30
Atrocious..... 34
Atrocity..... 34
Atrophy..... 34
Attach..... 35
Attachable... 35
Attache..... 35
Attachment.. 36
Attack..... 36
Attain..... 36
Attainable... 37
Attainment... 37
Attaint..... 37
Attemper.... 38
Attempt..... 38
Attend..... 38
Attendance... 39
Attendant.... 39
Attention.... 39
Attentive.... 40
Attentively... 40
Attenuate.... 36
Attest..... 34
Attic..38, 39, 83,
84, 87, 89,
90, 94, 95
Augural..... 50
Augury..... 50
August..... 50
Aunt..... 50
Aurish..... 51
Aurora..... 51
Auspice..... 51
Auspicious... 51
Austere..... 52
Austerity.... 52
Austral..... 52
Authenite.... 52
Author..... 53
Authorative.. 53
Authoress.... 53
Authority.... 53
Avaunt...50, 51
Avenged.....146
Avouch...20, 21,
23, 24
Awaiting..... 94
Awake..... 94
Awaken..... 95
Awakening... 95
Award..... 96
Aware..... 97
Awe..... 67
Awl..... 69
Awn..... 38
Awning.....173
Awry.....173
Ax.....182
Axial.....182
Axiform.....204
Axiom.....182
Axis.....127
Axle.....127
Aye.....127
Azote.....204
Babble....61. 63,
64, 65, 67,
68, 69, 70,
77, 78, 79,
80, 81
Beside..... 57
Besmut..... 57
Besotted..... 57
Brand.....170
Brandish.....170
Bravery..... 62
Brawl..... 59
Brawler.....180
Breadstuff....206
Breadth..... 68
Break..... 68
Breakage.... 70
Breaker..... 70
Breaking.....208
Breastwork.. 208
Breath.....210
Breathing....210
Breathless....214
Bred.....214
Breech.....214
Breeches.....214
Breeching....214
Breed.....214
Breeder.....214
Breeding.....214
Breeze.....214
Brethren.....214
Brevet.....214
Brevier.....214
Brevity.....214
Brew.....214
Brewage.....214
Brewer.....214
Brewery.....214
Bribe.....214
Briber.....133
Bribery.....133
Brick.....133
Brickkiln....185
Bricklayer...186
Brickmaker..186
Bridal.....190
Bridegroom..194
Bridemaid....194
Bridle.....192
Brief.....192
Briefly.....192
Brier.....192
Brigade.....163
Brigand.....163
Brighten.....150
Brilliant.....150
Brim.....150
Brimming....151
Brimstone....151
Brinded.....151
Brine.....151
Bring.....151
Brink.....155
Briny.....151
Briton.....152
Brittle.....152
Broach.....206
Broad.....161
Broaden.....208
Broadside....208
Brocade.....208
Brocket.....208
Browning....208
Buckboard... 40
Buckhorn....135
Bucking.....208
Buckled.....208
Buckram.....208
Buckshot....216

Index to Telegraph Code

Continued

Buckskin....216
Bucktail.....216
Bullet.....183
Bulletin.....183
Bullion.....183
Bullish.....183
Bung..... 94, 96
Bungo.....165
Bushy..... 46
Busily..... 46
Business..... 46
Busk..... 46
Buskin.....135
Bussock.....135
Busted.....154
Bustle.....154
Bustling....154
Busy.....154
Busybody....154
But.....154
Butch.....129
Butcher.....129
Butler.....129
Buttal.....167
Butter.....167
Buttercup....167
Butternut....150
Button.....140
Buttoned....150
Buttonhole...190
Buxom.....165
Buy.....165
Buzz.....149
Buzzard.....149
Buzzer.....149
Bygone.....149
Bylaw.....149
Byway.....150
Byword.....150

Cab..... 72
Cabal..... 72
Cabbage..... 72
Cabber..... 73
Cabbing..... 73
Cabble..... 73
Cabby..... 74
Cabdom..... 74
Cabful.....74
Cabin..... 75
Cable..... 75
Cabling..... 75
Cabman..... 83
Caboose..... 83
Cabot..... 83
Caburn..... 84
Cache..... 84
Cackle..... 84
Cactus..... 86
Caddie..... 86
Caddy..... 86
Cadge..... 89
Cadillac..... 89
Cadish..... 90
Cadus..... 90
Cafe..... 92
Caffa..... 87
Caffeine..... 87
Caftan..... 87
Cage..... 91
Cahoot..... 85
Clearly.....191
Cleave.....191
Coagulate....116
Coadjutor....116
Coating.....143
Coax.....143
Coaxing.....143
Cob.....144
Cobalt.....144
Cobaltic.....144
Cocoon.....157
Coctile.....157
Coction.....157
Coeval.....157
Cognizant....173
Cognomen....173
Coincidence..177
Coiner.....177
Colander.....177
Collectible... 18
Convalescent 185, 186, 188
Conveniently.185
Conversant.. 185
Conversation.194
Converse.....186
Conversion...187
Converter....187
Convey.....194
Conveyed....194
Convivial....187
Convulse..... 56
Convulsion... 56
Convulsive... 56
Cony..... 56
Cool.....56, 57, 62, 72, 73
Cordage..... 58
Corded..... 58
Cordial..... 58
Cordiality.... 58
Cudgel.....114
Cuisine.....114
Culinary.....114
Culling.....114
Currant .154, 155
Curt.....174
Curtail.....174
Curve.....174
Custard.....173
Custodian....173
Custody.....178
Customary...178
Cuticle.....178
Cutler.....181
Cyclopedia...156
Cynic.....144

Debase..... 57
Decamp..... 57
Deceive..... 59
Declaim..... 59
Declare..... 59
Descent..... 59
Dissect..... 62
Document.... 62
Documentary. 62

Edicit..... 65
Edification... 65
Edify..... 65
Elegy.....182
Elliptic..... 79
Elliptical..... 79
Elixir..... 79
Elongate..... 81
Elope..... 81
Eloquence.... 81
Elucidate....131
Elusion.....131
Elusory.....131
Elvan.....131
Elvishly.....131
Elysium.....131
Emanate.....182
Emeritus.....218
Emetic.....218
Emollient....218
Emphasis....188
Eruption 154, 155
Eureka.....171
European....171
Evade..... 56
Evening..... 58
Evolution...172, 173
Exemplary...192
Exemplify....192
Exemplifying.192
Extacy.....196
Extatic.....196
Extempore...196
Extent.....163
Extension....163
Extinct.....197
Extinguish...197
Extort.....197
Extorter.....197
Extortion....197
Extricate....196
Exude.....196
Eye.....192
Eyeglass.....192
Eyelet.....192

Falcon....16, 20, 23, 26
Fickle.....188
Flat..... 45
Frenzy..... 98
Gascon..... 45
Gentle..... 45
Germ..... 45
Ghost..... 45
Gibe..... 45
Grave..... 47
Guarantee... 47
Guarantor... 47
Guile..... 47

Halbert.....204
Harm.....206
Harrow.....206
Harsh.....206
Harter.....206
Hasten.....204
Hatch.....204
Haunt.....204
Havoc.....117
Hawk.....117
Hawser.....117
Hawthorn....117
Hay.....117
Health.....118
Healthful....118
Hurrah.....110
Hurry.....110
Hurtling.....110
Hussar.....111
Hut.....111

Imbue..... 48
Immerge..... 48
Implore..... 48
Importer.....136
Importune...136
Impose.....136
Imposing.....136
Imprecate....137
Impress.....137
Invoke..... 48

Index to Telegraph Code

Continued

Jasmine.....160
Jasper.....160
Jaunty.....160
Javelin.....160
Jaw.....160
Jay.....159
Jump.....161
Jumper.....161
Jumping.....161
Junction.....161

Kaffir.....210
Kail.....210
Kara.....210
Karmic.....210

Labial.....168
Laboratory...168
Labrador....168
Labyrinth....168
Legation.....176
Legend.....176
Leghorn.....176
Legible.....176
Legion.....176
Legislator....176
Legitimate...176

Mad.....180
Magellan....162
Magistrate...180
Malabar.....180
Malady.....180
Malay.....180
Malediction..180
Malefactor...180
Miasma..... 18
Midday..... 18
Monad.....161

Noon..... 18

Objective....181
Obscure.....172
Observant...177, 178
Ocean.....172
Odeon.....181
Odin.....181

Pause.....212
Pawn.....213
Peach.....213
Pearl.....212
Pelt.....212

Quad.....156
Quandrangle..156
Quadrant....156
Quadrille....156
Quadruped...156
Quadruple...156
Quaff.....156
Quaggy.....156
Quail.....156
Quaint.....156

Rareness.....100
Rational.....100
Raven.....100
Ray.....100
Razure.....101
Reachable....101
Reacher.....101
Reachless....102
Reaction..... 18
Reap.....162
Reaper.....158

Sail.....204
Sailor.....204
Salad.....204
Sallow.....204
Sand.....206
Sandal.....206
Sanity.....206
Sardine.....206
Scant..... 98
Scatter..204, 206, 210, 212, 213, 218
Scorch.....213
Scorcher.....213
Sedate.....175
Sedately.....175
Sediment....175
Seizable.....212
Seize.....212
Seizure.....212
Signal.....210
Signalize.....210
Signet.....210
Signify.....210

Waddle.....180
Wadding.....180
Wade.....180
Waft.....180
Wag.....180
Wager.....180
Waggish.....180
Wallet.. .. . 61
Wallop..... 61
Wallow..... 61
Walnut..... 61
Walrus....61, 67, 68, 77, 79
Wampum.... 61
Wand.....164
Wander..... 63
Wanderer.... 63
Wanness..... 63
War..... 64
Warble..... 64
Warbling.... 64
Warden.....190
Watch..... 67
Watchful.... 67
Wave.....190
Waver..... 69
Wax..... 69
Waylay..... 77
Wayward.... 77
Weal..... 77
Wealth..... 78
Wean..... 78
Weapon..... 78
Wearily.....190
Weariness.... 80
Wearisome... 80
Weary..... 80
Weed.....104
Weighty.....104
Weird.....104
Weld.....104
Welsh.....105
Welter.....105
Westerly.....105
Whack.....105
Whalebone...106
Whapper.....106
Wheat.....106
Wheedle.....106
Wheelwright..107
Wheeze.....107
Whelm.....107
Whet.....116
Whetstone...108
Whey.....108
Whiff.....108
Whig.....108
Whim.....109
Whimper.....109
Whimsical...109
Whisk.....112
Whist.....112
Whistle.....112
Whiteness....112
Whiting.....113
Whittle.....113
Whiz.....113
Wholesome...116
Wholly.....115
Whoop.....115
Whortle.....115
Wig.....155
Wigwam.....155
Wild.....155
Wiliness.....155
Willful.....155
Willow.....155
Willowy.....177
Wimple.....162
Workman....195
Workmanlike 195
Workshop....195
World.....195
Wry.....180

Zebra.....156

Errata

The following code words are shown on pages 189-190B instead of 193-194 as given in index:

Conversation	Convey	Bridemaid
Conveyed	Bridegroom	Angular

General Index

	Page
Acme	168
Advertising Cuts	226–228
Agate	76–81
Air Blast Heater	138–140
Air Blast Oak	145–146
Alamo	99–101
Banner Oak	153–155
Base Burners	119–135
Camp Cook	99–102
Canopy or Hood	192
Cast Cooks	103–118
Cast Ranges	42–98
Charcoal Broilers	191
Columbia Range	93–97
Comfort Range	31–37
Cottage	166–167
Corona	55–59
Crown Base Burner	126–127
Crystal Range	43–48
Diamond Range	60–65
Directions for Operating Stoves	229–230
Dish Warmer	195
Domestic	15–18
Electric	106–107
Emerald Base Burner	128–129
Empress Range	49–53
Eureka	108–109
Factory	158
Farmers' Boilers	179–180
Foot Rests	225
Furnaces	198–219
Gas Ranges	41
Gem Oak	157
Grand Jewel	117
Harvest	104–105
Herald Box	176
Hero Range	31–40
Hostess	25–27
Hotel Department	184–197
Ideal Base Burner	123–125
Junior Range	118
Key to S. & R. Nos	220
Kitchen Heater	165
Leader Range	19–21
Lifters	225
Live Oak	156
Lotus	116
Magic Base Burner	132–133
Oakland Jewel	173
Oak Stoves	147–157
Pacific	98
Paragon	22–24
Paragon Combination	183
Pearl	66–70
Pluto	144
Prince Oak	148–152
Princess	28–30
Quality	71–75
Radiant	136–137
Regal Base Burner	130–131
Regent Base Burner	134–135
Repairs for	
Base Burners	224
Cast Ranges	222
Coal and Wood Cooks	223
Steel Ranges	221
Rex Cannon	161
Rex 62W and 63W	163
Rex 62WL	164
Rex 62	161
Rex 64	162
Rex 65W and 66W	163
Rex 68L and 68T	162
Room Heater	218
Rural	110–111
Service	31–35
Sheet Flue Construction	54
Standard	82–86
Station	159
Steam Tables	196–197
Steel Box	175
Steel Cooks	99–102
Steel Ranges	15–40
Stellar Range	87
Stove Polish	225
Street Car Furnace	182
Street Car Heater	181
Sun	177–178
Telegraphic Code	232
Todd	174
Torrid Oak	148–149
Victor Range	88–92
Vulcan Jewel	141–143
Walnut	112–113
Western	160
Willow	114–115
Woodland	172
Woodstock	169–171

JEWEL
STOVES
AND
RANGES

JEWEL
STOVES
RANGES

LIBRARY OF CONGRESS
0 003 300 260 9